

**NUR FÜR INTERNEN GEBRAUCH**  
**FOR INTERNAL USE ONLY**

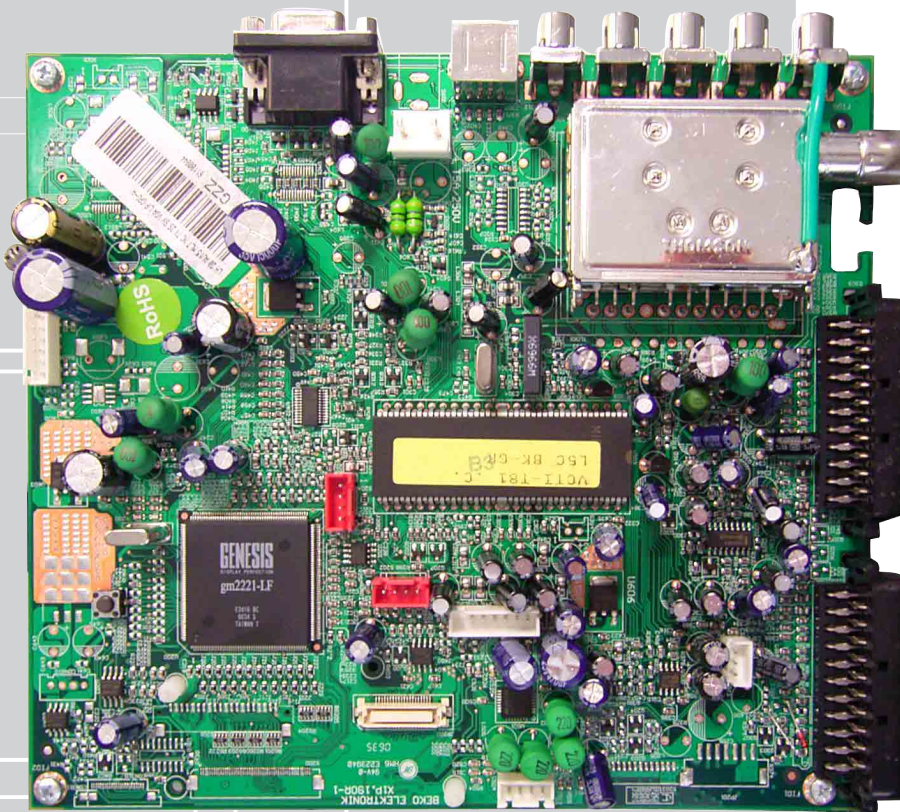
### Chassis LH

**Vision 20**  
**LCD 51-8610 Top**

GBF9800

**Monaco 20**  
**LCD 51-9622 DL**

GBF9700



Zusätzlich erforderliche Unterlagen für den Komplettservice  
Additionally required Service Documents for the Complete Service

#### Service Manual

Sicherheit  
Safety

Materialnr./Part No.  
720108000001

#### Service Manual

Chassis LH

Materialnr./Part No.  
720100526000

Materialnummer / Part Number 720100526100

Änderungen vorbehalten / Subject to alteration

TCC 0207 HH • Prepared in Germany

<http://www.grundig.com>

Es gelten die Vorschriften und Sicherheitshinweise gemäß dem Service Manual "Sicherheit", Materialnummer 720108000001, sowie zusätzlich die eventuell abweichenden, landesspezifischen Vorschriften!



The regulations and safety instructions shall be valid as provided by the "Safety" Service Manual, part number 720108000001, as well as the respective national deviations.

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## Allgemeiner Teil

### Einführung

In dieser Service-Manual-Ergänzung sind weitere Gerätevarianten dokumentiert, die mit dem Chassis LH ausgestattet sind.

#### Hinweis:

- Grundlage für den Service sind folgende Service Manuals:
- Service Manual Sicherheit, Materialnummer 720108000001
  - Service Manual Chassis LH, Materialnummer 720100526000

## Allgemeine Hinweise

**Achtung: ESD-Vorschriften beachten** 

**Vor dem Öffnen des Gehäuses zuerst den Netzstecker ziehen!**

### Leitungsverlegung

Bevor Sie die Leitungen und insbesondere die Masseleitungen lösen, muss die Leitungsverlegung zu den einzelnen Baugruppen beachtet werden.

Nach erfolgter Reparatur ist es notwendig, die Leitungsführung wieder in den werkseitigen Zustand zu versetzen um evtl. spätere Ausfälle oder Störungen zu vermeiden.

### Durchführen von Messungen

Bei Messungen mit dem Oszilloskop an Halbleitern sollten Sie nur Tastköpfe mit 10:1 - Teiler verwenden. Außerdem ist zu beachten, dass nach vorheriger Messung mit AC-Kopplung der Koppelkondensator des Oszilloskops aufgeladen sein kann. Durch die Entladung über das Messobjekt können Bauteile beschädigt werden.

### Messwerte und Oszillogramme

Bei den in den Schaltplänen und Oszillogrammen angegebenen Messwerten handelt es sich um Näherungswerte!

## General Section

### Introduction

This Supplement of Service Manual describes variants of alternative devices embedded with chassis LH.

#### Note:

- Basic instructions for servicing are given in following Service Manuals:
- Service Manual Safety, Part Number 720108000001
  - Service Manual Chassis LH, Part Number 720100526000

## General Notes

**Attention: Observe the ESD safety regulations** 

**Before opening the cabinet disconnect the mains plug!**

### Wiring

Before disconnecting any leads and especially the earth connecting leads observe the way they are routed to the individual assemblies.

On completion of the repairs the leads must be laid out as originally fitted at the factory to avoid later failures or disturbances.

### Carrying out Measurements

When making measurements on semi-conductors with an oscilloscope, ensure that the test probe is set to 10:1 dividing factor. If the previous measurement was made on AC input, please note that the coupling capacitor in the oscilloscope will be charged. Discharge via the item being checked can damage the components.

### Measured Values and Oscillograms

The measured values given in the circuit diagrams and oscillograms are approximates!

## Geräte- und Displayvarianten

Je nach Verfügbarkeit werden Displays verschiedener Hersteller eingebaut. Dies führt zu unterschiedlichen Chassis-Bestückungen, sowie zu Änderungen in der Software. Bei Ersatzteilbestellungen und Software-Updates achten Sie bitte auf das eingebaute Display, sowie auf den "Product Code". Angaben dazu finden Sie auf der Geräterückseite. Sollte in der Ersatzteilliste Ihr "Product Code" oder Ihre Displayvariante nicht aufgeführt sein, können Sie eine aktualisierte Version auf dem GRUNDIG Service-Portal "<http://service.grundig.de>" finden.

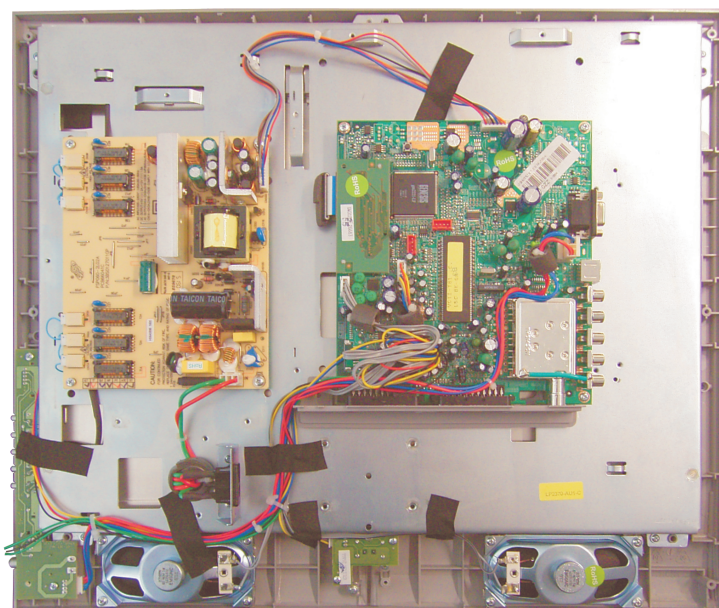
Überprüfen Sie vor Austausch der Hauptplatte, ob die Aufkleber der Platinen identisch sind.



## Product and Display Variants

Depending on availability displays of different manufacturer are built in. This results in different chassis mountings as well as a different software. On spare parts orders as well as software updates take care of the fitted display as well as of the "Product Code". Therefore you can find information on the labels on the rear side. If your "Product Code" or display variant is not mentioned in the spare parts list please have look for a current version at the GRUNDIG Service-Portal "<http://service.grundig.de>".

Before changing the main board please check whether the labels on the boards are identical.



## Technische Daten / Technical Data

|                                             | Monaco 20 LCD 51-9622 DL                     | Vision 20 LCD 51-8610 Top                    |
|---------------------------------------------|----------------------------------------------|----------------------------------------------|
| Order No.                                   | G.BF 97-00                                   | G.BF 98-00                                   |
| Develop. order No.                          | CQK                                          | CQJ                                          |
| Destination                                 | All NSOs                                     | All NSOs                                     |
| Approbations                                | CE, I, C-TICK, ME67                          | CE, I, C-TICK, ME67                          |
| IM-Languages                                | D, GB, F, I, NL, DK, N, S, FIN, E, P, PL, TR | D, GB, F, I, NL, DK, N, S, FIN, E, P, PL, TR |
| Remote control                              | TP 160 C                                     | TP 160 C (black)                             |
| EAN                                         | 40 13833-61104 2                             | 40 13833-61105 9                             |
| Color                                       | silver/BLACK                                 | black                                        |
| <b>DISPLAY</b>                              |                                              |                                              |
| Panel                                       | 20" / 51cm                                   | 20" / 51cm                                   |
| 16:9 wide-screen format                     | Active Matrix TFT-LC-Display                 | Active Matrix TFT-LC-Display                 |
| Response time                               | ca. 16ms                                     | ca. 16ms                                     |
| Brightness                                  | ca. 450cd/m2                                 | ca. 450cd/m2                                 |
| Contrast ratio                              | ca. 700:1                                    | ca. 700:1                                    |
| Viewing angle ca.                           | 140° vertical / 160° horizontal              | 140° vertical / 160° horizontal              |
| Physical display resolution max. pixel      | VGA 645 x 480                                | VGA 645 x 480                                |
| <b>PICTURE</b>                              |                                              |                                              |
| Digital Reference-Technology                | ○                                            | ○                                            |
| Motion Adaptive Deinterlacing               | ○                                            | ○                                            |
| Line Flicker Reduction                      | ○                                            | ○                                            |
| Digital Color Transition Improv. (DCTI)     | ●                                            | ●                                            |
| Digital Combfilter                          | ●                                            | ●                                            |
| Digital Luminance Transition Improv. (DLTI) | ●                                            | ●                                            |
| Picture Noise Reduction (DNR)               | ○                                            | ○                                            |
| CCS (Clear Color Screen)                    | ○                                            | ○                                            |
| Preset picture modes                        | user, natural, rich, soft                    | user, natural, rich, soft                    |
| Aspect ratios (Format switching)            | Auto (WSS), 4:3 / 16:9                       | Auto (WSS), 4:3 / 16:9                       |
| Blackline detection                         | ○                                            | ○                                            |
| PIP                                         | ○                                            | ○                                            |
| Multifold Tuner scan (Mosaic Picture)       | ○                                            | ○                                            |
| PAT: Split screen (PICTURE + TEXT)          | ○                                            | ○                                            |
| PAP: Double Window (PICTURE + PICTURE)      | ○                                            | ○                                            |
| P2AT: Double Window + TXT                   | ○                                            | ○                                            |
| POP: PICTURE on PICTURE                     | ○                                            | ○                                            |
| Picture freezing                            | ○                                            | ○                                            |
| Zoom with point function                    | ○                                            | ○                                            |
| Auto 16:9 selection via Scart               | ●                                            | ●                                            |
| Sharpness control                           | ●                                            | ●                                            |
| Blue Background                             | ●                                            | ●                                            |

|                                             | Monaco 20 LCD 51-9622 DL                                                                        | Vision 20 LCD 51-8610 Top                                                                       |
|---------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| <b>CHASSIS</b>                              |                                                                                                 |                                                                                                 |
| TV-Chassis                                  | LH                                                                                              | LH                                                                                              |
| Progressive                                 | ○                                                                                               | ○                                                                                               |
| Tuner                                       | PLL frequency synthesizer tuning                                                                | PLL frequency synthesizer tuning                                                                |
| µ-Processor                                 | GM2221                                                                                          | GM2221                                                                                          |
| Keyboard                                    | 6 keys:<br>menue, AV/TV, ± for programme, ± for volume                                          | 6 keys:<br>menue, AV/TV, ± for programme, ± for volume                                          |
| <b>ELECTRONIC</b>                           |                                                                                                 |                                                                                                 |
| Stand by indicator                          | blue LED                                                                                        | blue LED                                                                                        |
| EPG (Electronic Programme Guide)            | ○                                                                                               | ○                                                                                               |
| Easy Dialog                                 | ○                                                                                               | ○                                                                                               |
| Megalogic                                   | ○                                                                                               | ○                                                                                               |
| Manual & autom. labeling of prog.           | ●                                                                                               | ●                                                                                               |
| Programmable off timer                      | ●                                                                                               | ●                                                                                               |
| Programmable on timer                       | ●                                                                                               | ●                                                                                               |
| Intelligent channel search (Zapping funct.) | ●                                                                                               | ●                                                                                               |
| Programme Edit                              | ○                                                                                               | ○                                                                                               |
| Intelligent Programme Switch                | ○                                                                                               | ○                                                                                               |
| Auto switch off                             | ○                                                                                               | ○                                                                                               |
| Programme memory TV/AV (opt.)               | 99 / 5                                                                                          | 99 / 5                                                                                          |
| Teletext/Fasttext/Toptext                   | ● / ● / ●                                                                                       | ● / ● / ●                                                                                       |
| Teletext options                            | 10 pages                                                                                        | 10 pages                                                                                        |
| Childlock                                   | ●                                                                                               | ●                                                                                               |
| Menu languages OSD                          | 22 languages, D, GB, F, I, E, P, NL, HR, RUS, GR, DK, S, FIN, N, TR, PL, CZ, SK, SLO, H, RO, BG | 22 languages, D, GB, F, I, E, P, NL, HR, RUS, GR, DK, S, FIN, N, TR, PL, CZ, SK, SLO, H, RO, BG |
| Service mode                                | ●                                                                                               | ●                                                                                               |
| Hotel mode                                  | Simple hotel mode possible via service adjustment                                               | Simple hotel mode possible via service adjustment                                               |
| <b>TUNING</b>                               |                                                                                                 |                                                                                                 |
| Autom. Tuning System with country selection | full automatic sorting                                                                          | full automatic sorting                                                                          |
| Frequency Based Auto Search                 | ○                                                                                               | ○                                                                                               |
| Automatic Micro-search                      | ●                                                                                               | ●                                                                                               |
| Automatic Programming                       | ○                                                                                               | ○                                                                                               |
| Manual fine tuning                          | ●                                                                                               | ●                                                                                               |
| Direct channel selection                    | ●                                                                                               | ●                                                                                               |
| Direct frequency selection                  | ○                                                                                               | ○                                                                                               |
| PAL/SECAM/BG/DK/I/L/L                       | ●                                                                                               | ●                                                                                               |
| NTSC-Playback via Scart (3.58/4.43)         | ●                                                                                               | ●                                                                                               |
| Cable TV / Hyperband (S1-S41)               | ●                                                                                               | ●                                                                                               |
| <b>AUDIO</b>                                |                                                                                                 |                                                                                                 |
| Mono/Stereo/Nicam                           | ● / ● / ●                                                                                       | ● / ● / ●                                                                                       |
| AV Stereo                                   | ●                                                                                               | ●                                                                                               |
| Loudspeaker                                 | 2 wide band lateral                                                                             | 2 wide band lateral                                                                             |
| Virtual Dolby                               | ○                                                                                               | ○                                                                                               |
| Magic Fidelity Sound System                 | ○                                                                                               | ○                                                                                               |
| Matched Sound Delay (Lip synchronous)       | ○                                                                                               | ○                                                                                               |
| Subwoofer                                   | ○                                                                                               | ○                                                                                               |
| Dynamic Bass                                | ○                                                                                               | ○                                                                                               |
| DSP (Digital Sound Processor)               | ○                                                                                               | ○                                                                                               |
| Balance Adjustment                          | ●                                                                                               | ●                                                                                               |
| AVL (Audio Volume Level)                    | ●                                                                                               | ●                                                                                               |
| PIP listening via Headphone jack            | ○                                                                                               | ○                                                                                               |
| Equalizer                                   | 5 Band                                                                                          | 5 Band                                                                                          |
| Space Sound Effect                          | ●                                                                                               | ●                                                                                               |
| Audio mode                                  | cinema, music, sport, speech, user                                                              | cinema, music, sport, speech, user                                                              |
| Audio amplifier                             | 2 x 5 / 10W (nominal/music)                                                                     | 2 x 5 / 10W (nominal/music)                                                                     |
| <b>POWER SUPPLY / CABINET</b>               |                                                                                                 |                                                                                                 |
| Power voltage                               | 100 - 240V, 50/60Hz                                                                             | 100 - 240V, 50/60Hz                                                                             |
| Power switch                                | ●                                                                                               | ●                                                                                               |
| Integrated supply                           | ○                                                                                               | ○                                                                                               |
| Plug-in AC adaptor                          | ○                                                                                               | ○                                                                                               |
| Power consumption                           | ca. 55W, standby < 2W                                                                           | ca. 55W, standby < 2W                                                                           |
| Cabinet (WxHxD, cm) / Weight                | 50,5 x 49,5 x 8cm (19,2cm with stand) / ca. 11kg                                                | 50,5 x 49,5 x 8cm (19,2cm with stand) / ca. 11kg                                                |
| <b>FRONT PANEL CONNECTIONS</b>              |                                                                                                 |                                                                                                 |
| Headphones                                  | ○                                                                                               | ○                                                                                               |
| Cinch-AV socket                             | ○                                                                                               | ○                                                                                               |
| S-Video                                     | ○                                                                                               | ○                                                                                               |
| <b>REAR PANEL CONNECTIONS</b>               |                                                                                                 |                                                                                                 |
| Euro-AV-Socket AV1                          | CVBS in-/output, RGB input                                                                      | CVBS in-/output, RGB input                                                                      |
| Euro-AV Socket AV2                          | CVBS in-/output                                                                                 | CVBS in-/output                                                                                 |
| Euro-AV Socket AV3                          | ○                                                                                               | ○                                                                                               |
| S-Video                                     | Hosiden                                                                                         | Hosiden                                                                                         |
| Camera-AV                                   | 3x Cinch - Video in, Audio in L/R                                                               | 3x Cinch - Video in, Audio in L/R                                                               |
| Wireless                                    | ○                                                                                               | ○                                                                                               |
| YUV input / progressive                     | ○                                                                                               | ○                                                                                               |
| PC-input                                    | VGA                                                                                             | VGA                                                                                             |
| PC-Audio in                                 | ○                                                                                               | ○                                                                                               |
| DVI                                         | ○                                                                                               | ○                                                                                               |
| HDMI                                        | ○                                                                                               | ○                                                                                               |
| HD ready including HDCP                     | ○                                                                                               | ○                                                                                               |
| Headphones                                  | ●                                                                                               | ●                                                                                               |
| Audio out                                   | 2 x Cinch                                                                                       | 2 x Cinch                                                                                       |
| Antenna for terrestrial reception           | 1 x Coaxial-socket for TV-tuner-in, according to DIN 45325                                      | 1 x Coaxial-socket for TV-tuner-in, according to DIN 45325                                      |
| DC-connector                                | ○                                                                                               | ○                                                                                               |
| Power supply plug                           | ●                                                                                               | ●                                                                                               |



## Service- und Sonderfunktionen

### Tastenfunktionen

- i Aufrufen des Dialog Centers
- OK Aufrufen der Service Menüs
- P+/P- Menü-Zeile (Menüpunkt) wählen
- ◀/▶ Wert ändern
- TXT Beenden des Service Mode

### Service-Mode aktivieren

- Taste "i" (INFO-Menü) drücken.
- Zahlenfolge "8500" eingeben. Auf dem Bildschirm wird das Service Menü "OPTIONS" und der Softwarestand angezeigt.
- Service Menüs "ADJUSTMENTS" und "SELECTIONS" mit der Taste "OK" nacheinander aufrufen.

### Service-Mode beenden

- Taste "TXT" drücken.

### 1. Grundeinstellwerte

Die Grundeinstellwerte im Service Mode sind in der Tabelle enthalten.

## Service and Special Functions

### Functions of the buttons

- i Call up the Dialog Center
- OK Call up the Service Menus
- P+/P- Call up the dialogue line (point of menu)
- ◀/▶ Changing the settings
- TXT Exit the Service Mode

### Calling up the Service Mode

- Press button "i" (INFO Menu).
- Enter the code number "8500". The Service Menu "OPTIONS" and the software version number are shown on the screen.
- Step by step call up the Service Menu "ADJUSTMENTS" and "SELECTIONS" with the button "OK".

### Exit the Service Mode

- Press button "TXT".

### 1. Basic Settings

The table shows all basic specific settings in the service mode.

| Service Menü<br>Menu<br>OK | Menüpunkt<br>Point of Menu<br>P+ / P- | Einstellung<br>Adjustment<br>◀/▶ | Hinweis<br>Hint                                                                                                                                                                                                                                                                             | Monaco 20 LCD 51-9622 DL | Vision 20 LCD 51-8610 Top |
|----------------------------|---------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------------------------|
| OPTIONS                    | SCART 2                               |                                  | Scart 2 Buchse / Socket                                                                                                                                                                                                                                                                     | ON                       | ON                        |
|                            | FAV                                   |                                  | Front-AV-Buchsen / Sockets                                                                                                                                                                                                                                                                  | ON                       | ON                        |
|                            | SVHS                                  |                                  | S-VHS-Buchse / Socket                                                                                                                                                                                                                                                                       | ON                       | ON                        |
|                            | HOTEL MODE                            |                                  | Das Menü "SUCHEN / ABSTIMMUNG" ist nicht mehr aufrufbar. Die maximale Lautstärke ist begrenzt (siehe Service-Menü "ADJUSTMENTS" – "HOTEL VOLUME").<br>The "SETUP" Menu is not accessible. The maximum adjustable volume value is limited (see service menu "ADJUSTMENTS" – "HOTEL VOLUME"). | OFF                      | OFF                       |
|                            | STBY RECALL                           |                                  | OFF: Netz-Ein → Standby / Power on → standby<br>ON: Netz-Ein → Programm 1 / Programme 1                                                                                                                                                                                                     | OFF                      | OFF                       |
|                            | RECALL LAST AV                        |                                  | OFF: Netz-Ein → Programm 1 / Power on → Programme 1<br>ON: Netz-Ein → zuletzt gesehenes AV-Programm / Power on → last used AV programme                                                                                                                                                     | OFF                      | OFF                       |
|                            | MSP CARRIER MUTE                      |                                  | Bei schlechtem Eingangs-Signal mutet der Sound-Prozessor MSP.<br>The Sound Processor MSP will mute the sound automatically if the signal quality is bad.                                                                                                                                    | ON                       | ON                        |
|                            | WSS RF                                |                                  | Automatische Bild-Formatumschaltung auf 16:9 bei Empfang des "WSS"-Signales.<br>Automatic picture format switching to 16:9 during "WSS" signal reception.                                                                                                                                   | ON                       | ON                        |
|                            | AUTO AV 16:9                          |                                  | Schaltspannung an Pin 8 der AV-Buchse schaltet automatisch auf das Bild-Format 16:9.<br>Voltage at pin 8 of AV socket, picture format is switching to 16:9.                                                                                                                                 | ON                       | ON                        |
|                            | FIRST ATS                             |                                  | Beim nächsten Einschalten startet das Gerät mit ATS-Suchlauf.<br>Switching the unit on next time the ATS programming search starts automatically.                                                                                                                                           | OFF                      | OFF                       |
| ADJUSTMENTS                | BACKLIGHT POL                         |                                  | Intensität der Hintergrundbeleuchtung / Intensity of backlight                                                                                                                                                                                                                              | POS                      | POS                       |
|                            | FACTORY MODE                          |                                  | Service-Mode ist mit der Taste "SCAN" direkt aufrufbar.<br>Service mode was accessible by pressing button "SCAN".                                                                                                                                                                           | OFF                      | OFF                       |
|                            | WHITE R                               |                                  | Weißabgleich – Rot / White adjustment – red                                                                                                                                                                                                                                                 | 148                      | 148                       |
|                            | WHITE G                               |                                  | Weißabgleich – Grün / White adjustment – green                                                                                                                                                                                                                                              | 135                      | 135                       |
|                            | WHITE B                               |                                  | Weißabgleich – Blau / White adjustment – blue                                                                                                                                                                                                                                               | 122                      | 122                       |
|                            | BRI                                   |                                  | Grundeinstellwert für Helligkeit / Basic setting value for Brightness                                                                                                                                                                                                                       | 130                      | 130                       |
|                            | CON                                   |                                  | Grundeinstellwert für Kontrast / Basic setting value for Contrast                                                                                                                                                                                                                           | 158                      | 158                       |
|                            | COL                                   |                                  | Grundeinstellwert für Farbe / Basic setting value for Color                                                                                                                                                                                                                                 | 128                      | 128                       |
|                            | PRESCALE FM                           |                                  | Grundlautstärke für FM-Ton / Basic setting value for FM sound                                                                                                                                                                                                                               | 19                       | 19                        |
|                            | PRESCALE NICAM                        |                                  | Grundlautstärke für NICAM-Ton / Basic setting value for NICAM sound                                                                                                                                                                                                                         | 40                       | 40                        |
|                            | PRESCALE SCART                        |                                  | Grundlautstärke für SCART-Ton / Basic setting value for SCART sound                                                                                                                                                                                                                         | 16                       | 16                        |
|                            | HOTEL VOLUME                          |                                  | Maximale Lautstärke im Hotel-Mode / Hotel mode – volume maximum                                                                                                                                                                                                                             | 30                       | 30                        |
|                            | AGC                                   |                                  | AGC-Abgleich / AGC adjustment                                                                                                                                                                                                                                                               | 8                        | 8                         |
|                            | FACTORY RESET                         |                                  | Grundwerte werden geladen / Loading basic values                                                                                                                                                                                                                                            |                          |                           |
|                            | SW DOWNLOAD                           |                                  | Software Download                                                                                                                                                                                                                                                                           |                          |                           |

| Service Menü<br>Menu<br>OK | Menüpunkt<br>Point of Menu<br>P+ / P- | Einstellung<br>Adjustment<br>◀ / ▶ | Hinweis<br>Hint                                                      | Monaco 20 LCD 51-9622 DL | Vision 20 LCD 51-8610 Top |
|----------------------------|---------------------------------------|------------------------------------|----------------------------------------------------------------------|--------------------------|---------------------------|
| SELECTIONS                 | TUNER TYPE                            | SS_TECC2949<br>TH_CTF554X          | Eingebauten Tuner wählen<br>Select used tuner                        |                          |                           |
|                            | TELETEXT                              | FAST&TOP                           | FAST & TOP-Text                                                      | X                        | X                         |
|                            |                                       | FAST                               | FAST-Text                                                            |                          |                           |
|                            |                                       | NO TEXT                            |                                                                      |                          |                           |
|                            | TIMER MODE                            | OFF TIMER                          | Fester Ausschaltzeitpunkt / Fixed switch off timer                   | X                        | X                         |
|                            |                                       | SLEEP TIMER                        | Ausschaltzeitpunkt in 15...120 Minuten / sleep timer (15...120 minu- |                          |                           |
|                            | MSP CLIP                              | REDUCE VOL                         | MSP Sound-Optionen / Sound options MSP                               | X                        | X                         |
|                            |                                       | REDUCE TONE                        |                                                                      |                          |                           |
|                            |                                       | COMPROMISE                         |                                                                      |                          |                           |
|                            |                                       | DYNAMIC                            |                                                                      |                          |                           |
|                            | SWAP/ZAPP                             | ZAPP                               |                                                                      | X                        | X                         |
|                            |                                       | SWAP                               |                                                                      |                          |                           |
|                            | DOLBY VIRTUAL                         |                                    |                                                                      | ON                       | OFF                       |
|                            | LTI                                   |                                    |                                                                      | ON                       | ON                        |
|                            | CTI                                   |                                    |                                                                      | OFF                      | ON                        |

## 2. Austausch der Hauptplatte oder des U201

Nach dem Austausch der Hauptplatte oder des U201 sind Grundeinstellwerte im Service Mode entsprechend der Tabelle einzustellen.

### 3. Software-Versionsnummer

Die Software-Versionsnummer wird oben im Service-Menü angezeigt, z.B.:

L5CGNA\_V1.43 - 01.11.2006  
SLH20G-AU14715-T 43 -S 2  
VCTI V 8 1  
PVCS V 43

## 4. Programmsuchlauf

- Taste "i" (INFO-Menü) drücken.
- "SUCHEN / ABSTIMMUNG" mit den Tasten P+ / P- anwählen und mit der Taste "OK" bestätigen.
- "PROGRAMMSUCHLAUF" mit den Tasten P+ / P- anwählen und mit der Taste "OK" bestätigen.
- Gewünschtes Land mit den Tasten P+ / P-, ◀ / ▶ auswählen und mit der Taste "OK" bestätigen.
- Mit Taste "OK" Suchlauf starten.  
Das automatische Sendersuchsystem stoppt bei jedem empfangswürdigen Sender (AFC und Koinzidenz) und speichert automatisch die entsprechenden Senderdaten mit dem jeweiligen Standard. Danach wird der Suchlauf fortgesetzt.  
Zum Abbrechen des Suchlaufes die blaue Taste drücken.

## 2. Change of the Main Board or U201

After changing the Main Board or U201 all basic settings in the service mode must be done according to the table.

### 3. Software Version Number

The software version number is shown on the upper part of the service menu, e.g.:

L5CGNA\_V1.43 - 01.11.2006  
SLH20G-AU14715-T 43 -S 2  
VCTI V 8 1  
PVCS V 43

## 4. Programme Search

- Press button "i" (INFO Menu).
- Select "SETUP" with the buttons P+ / P- and confirm with button "OK".
- Select "STATION SEARCH" with the buttons P+ / P- and confirm with button "OK".
- Select the required Country with the buttons P+ / P-, ◀ / ▶ and confirm with button "OK".
- Start search with button "OK".  
The autoprogrammes system stops at every station of acceptable reception quality (AFC and coincidence) and stores the station data and the respective standard automatically. The system then continues searching.  
Pressing the blue button stops the programme search.

Ersatzteilliste  
Spare Parts ListNUR FÜR INTERNEN GEBRAUCH  
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VISION 20 LCD 51-8610 TOP

BESTELL-NR. / ORDER NO.: GBF9800 (CQJ)

| POS. NR.<br>POS. NO. | ABB.<br>FIG. | MATERIAL-NR.<br>PART NUMBER | ANZ.<br>QTY. | BEZEICHNUNG<br>(D)                                                                                                                                                                                                                                                  | DESCRIPTION<br>(GB)                                                                                                                                                                                                                       |
|----------------------|--------------|-----------------------------|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                      |              | GBF9800                     |              | VISION 20 LCD 51-8610 TOP<br>PRODUKTCODE <b>CQJ</b><br>KEIN E-TEIL                                                                                                                                                                                                  | VISION 20 LCD 51-8610 TOP<br>PRODUCT CODE <b>CQJ</b><br>NO SPARE PART                                                                                                                                                                     |
|                      |              |                             |              | <b>Hinweis:</b><br>Sollte in dieser Ersatzteilliste Ihr "Product Code" oder Ihre Display-Variante nicht aufgeführt sein, finden Sie eine aktualisierte Version auf dem GRUNDIG Service-Portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> . | <b>Note:</b><br>If your "Product Code" or display variant is not mentioned in the spare parts list, please look for a current version at the GRUNDIG service portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> . |
| 0001.000             |              | 759551203400                |              | GEH.-VORDERTEIL SCHWARZ                                                                                                                                                                                                                                             | FRONT CABINET BLACK                                                                                                                                                                                                                       |
| 0002.000             |              | 759551335700                |              | RUECKWAND SCHWARZ                                                                                                                                                                                                                                                   | BACK COVER BLACK                                                                                                                                                                                                                          |
| 0003.000             |              | 759551209200                |              | KNOPF PROG./VOL. SILBER                                                                                                                                                                                                                                             | KNOB PROG./VOL. SILVER                                                                                                                                                                                                                    |
| 0004.000             |              | 759551335900                |              | BUCHSENABDECKUNG SCHWARZ                                                                                                                                                                                                                                            | JACK COVER BLACK                                                                                                                                                                                                                          |
| 0007.000             |              | 759551202400                |              | LAUTSPRECHER 8 OHM 5 W                                                                                                                                                                                                                                              | LOUDSPEAKER 8 OHM 5 W                                                                                                                                                                                                                     |
| 0010.000             | △            | 759551328600                |              | LCD-DISPLAY AU A201SN02 V5                                                                                                                                                                                                                                          | LCD-DISPLAY AU A201SN02 V5                                                                                                                                                                                                                |
| 0015.000             | △            | 759551020100                |              | NETZSCHALTER SDAKLA10200                                                                                                                                                                                                                                            | POWER SWITCH SDAKLA10200                                                                                                                                                                                                                  |
| 0016.000             |              | 759551182400                |              | KNOPF NETZ                                                                                                                                                                                                                                                          | POWER KNOB                                                                                                                                                                                                                                |
| 0018.000             |              | 759551203300                |              | KNOPF PROG/VOL                                                                                                                                                                                                                                                      | KNOB PROG/VOL                                                                                                                                                                                                                             |
| 0019.000             |              | 759551242300                |              | FUSS                                                                                                                                                                                                                                                                | FOOT                                                                                                                                                                                                                                      |
| 0021.000             |              | 759551328700                |              | KABEL DISPLAY-INTERFACE (CHI)                                                                                                                                                                                                                                       | CABLE DISPLAY-INTERFACE (CHI)                                                                                                                                                                                                             |
| 0025.000             | △            | 275990189000                | X            | LP-CHASSISMODUL LH                                                                                                                                                                                                                                                  | CHASSISBOARD LH                                                                                                                                                                                                                           |
| 0027.000             |              | 720117138100                |              | FERNBEDIENUNG TP160 C SCHWARZ                                                                                                                                                                                                                                       | REMOTE CONTROL TP160 C BLACK                                                                                                                                                                                                              |
| 0030.000             |              | 275990208600                |              | LP-BEDIENMODUL                                                                                                                                                                                                                                                      | CONTROL BOARD                                                                                                                                                                                                                             |
| 0040.000             |              | 275990213400                |              | LP-KOPFHOERERMODUL (8R9198-01)                                                                                                                                                                                                                                      | HEAD PHONE BOARD (8R9198-01)                                                                                                                                                                                                              |
| 0050.000             |              | 275990209500                |              | LP-IR/LED MODUL                                                                                                                                                                                                                                                     | IR/LED BOARD                                                                                                                                                                                                                              |
| 0070.000             |              | 275990301400                |              | LP-NETZTEILSPFSP060-2L02L 12V/5V                                                                                                                                                                                                                                    | POWER SUPPLY PCB SPFSP060-2L02L 12V/5V                                                                                                                                                                                                    |
| 0080.000             |              | 275990161400                |              | LP-ERWEITERUNGSMODUL                                                                                                                                                                                                                                                | DAUGHTERBOARD                                                                                                                                                                                                                             |
| 0090.000             |              | 759551335500                |              | POSTER LINKS                                                                                                                                                                                                                                                        | CUSHION LEFT                                                                                                                                                                                                                              |
| 0091.000             |              | 759551335600                |              | POSTER RECHTS                                                                                                                                                                                                                                                       | CUSHION RIGHT                                                                                                                                                                                                                             |
| 0092.000             |              | 759551335300                |              | KARTON                                                                                                                                                                                                                                                              | CARTON                                                                                                                                                                                                                                    |
|                      |              | 720117261500                |              | BEDIENUNGSANLEIT. D,GB,F,I,NL,TR,PL                                                                                                                                                                                                                                 | INSTRUCTION MANUAL D,GB,F,I,NL,TR,PL                                                                                                                                                                                                      |
|                      |              | 720117261600                |              | BEDIENUNGSANLEIT. S,DK,N,FIN,E,P                                                                                                                                                                                                                                    | INSTRUCTION MANUAL S,DK,N,FIN,E,P                                                                                                                                                                                                         |
|                      |              | 720100526000                |              | SERVICE MANUAL D/GB                                                                                                                                                                                                                                                 | SERVICE MANUAL D/GB                                                                                                                                                                                                                       |
|                      |              | 720100526100                |              | SERVICE MANUAL D/GB 1.ERGAENZUNG                                                                                                                                                                                                                                    | SERVICE MANUAL D/GB 1ST SUPPLEMENT                                                                                                                                                                                                        |
|                      |              | 720108000001                |              | SICHERHEITSMANUAL D/GB/E/F/I                                                                                                                                                                                                                                        | SAFETY SERVICE MANUAL D/GB/E/F/I                                                                                                                                                                                                          |

X = SIEHE GESONDERTE E-LISTE

X = SEE SEPARATE PARTS LIST

Es gelten die Vorschriften und Sicherheitshinweise gemäß dem Service Manual "Sicherheit", Mat.-Nummer 720108000001, sowie zusätzlich die eventuell abweichenden, landesspezifischen Vorschriften!



The regulations and safety instructions shall be valid as provided by the "Safety" Service Manual, part number 720108000001, as well as the respective national deviations.

ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

Ersatzteilliste  
Spare Parts ListNUR FÜR INTERNEN GEBRAUCH  
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MONACO 20 LCD 51-9622 DL

BESTELL-NR. / ORDER NO.: GBF9700 (CQK)

| POS. NR.<br>POS. NO. | ABB.<br>FIG. | MATERIAL-NR.<br>PART NUMBER | ANZ.<br>QTY. | BEZEICHNUNG<br>(D)                                                                                                                                                                                                                                                  | DESCRIPTION<br>(GB)                                                                                                                                                                                                                       |
|----------------------|--------------|-----------------------------|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                      |              | GBF9700                     |              | MONACO 20 LCD 51-9622 DL<br>PRODUKTCODE <b>CQK</b><br>KEIN E-TEIL                                                                                                                                                                                                   | MONACO 20 LCD 51-9622 DL<br>PRODUCT CODE <b>CQK</b><br>NO SPARE PART                                                                                                                                                                      |
|                      |              |                             |              | <b>Hinweis:</b><br>Sollte in dieser Ersatzteilliste Ihr "Product Code" oder Ihre Display-Variante nicht aufgeführt sein, finden Sie eine aktualisierte Version auf dem GRUNDIG Service-Portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> . | <b>Note:</b><br>If your "Product Code" or display variant is not mentioned in the spare parts list, please look for a current version at the GRUNDIG service portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> . |
| 0001.000             |              | 759551244100                |              | GEH.-VORDERTEIL SILBER                                                                                                                                                                                                                                              | FRONT CABINET SILVER                                                                                                                                                                                                                      |
| 0002.000             |              | 759551336000                |              | RUECKWAND SILBER                                                                                                                                                                                                                                                    | BACK COVER SILVER                                                                                                                                                                                                                         |
| 0003.000             |              | 759551335800                |              | BUCHSENABDECKUNG SILBER                                                                                                                                                                                                                                             | JACK COVER SILVER                                                                                                                                                                                                                         |
| 0007.000             |              | 759551202400                |              | LAUTSPRECHER 8 OHM 5 W                                                                                                                                                                                                                                              | LOUDSPEAKER 8 OHM 5 W                                                                                                                                                                                                                     |
| 0010.000             | △            | 759551328600                |              | LCD-DISPLAY AU A201SN02 V5                                                                                                                                                                                                                                          | LCD-DISPLAY AU A201SN02 V5                                                                                                                                                                                                                |
| 0015.000             | △            | 759551336300                |              | NETZSCHALTER 20 F (ZP3195-10)                                                                                                                                                                                                                                       | POWER SWITCH 20 F (ZP3195-10)                                                                                                                                                                                                             |
| 0016.000             |              | 759551179000                |              | KNOPF NETZ                                                                                                                                                                                                                                                          | KNOB POWER                                                                                                                                                                                                                                |
| 0018.000             |              | 759551207100                |              | KNOPF SILBER PROG./VOL.                                                                                                                                                                                                                                             | KNOB SILVER PROG./VOL.                                                                                                                                                                                                                    |
| 0019.000             |              | 759551207500                |              | FUSS SILBER                                                                                                                                                                                                                                                         | FOOT SILVER                                                                                                                                                                                                                               |
| 0021.000             |              | 759551328700                |              | KABEL DISPLAY-INTERFACE (CHI)                                                                                                                                                                                                                                       | CABLE DISPLAY-INTERFACE (CHI)                                                                                                                                                                                                             |
| 0025.000             | △            | 275990193600                | X            | LP-CHASSISMODUL LH                                                                                                                                                                                                                                                  | CHASSISBOARD LH                                                                                                                                                                                                                           |
| 0027.000             |              | 720117138900                |              | FERNBEDIENUNG TP 160 C SILBER                                                                                                                                                                                                                                       | REMOTE CONTROL TP 160 C SILVER                                                                                                                                                                                                            |
| 0030.000             |              | 275990220800                |              | LP-BEDIENMODUL L5AL21 (ZP3191-11)                                                                                                                                                                                                                                   | CONTROLBOARD L5AL21 (ZP3191-11)                                                                                                                                                                                                           |
| 0040.000             |              | 275990220900                |              | LP-IR-EMPFANGSMODUL L5A (ZP3195-11)                                                                                                                                                                                                                                 | IR-RECEIVERBOARD L5A (ZP3195-11)                                                                                                                                                                                                          |
| 0050.000             |              | 275990213400                |              | LP-KOPFHOERERMODUL (8R9198-01)                                                                                                                                                                                                                                      | HEAD PHONE BOARD (8R9198-01)                                                                                                                                                                                                              |
| 0060.000             |              | 275990161400                |              | LP-ERWEITERUNGSMODUL                                                                                                                                                                                                                                                | DAUGHTERBOARD                                                                                                                                                                                                                             |
| 0070.000             |              | 275990301400                |              | LP-NETZTEILSPFSP060-2L02L 12V/5V                                                                                                                                                                                                                                    | POWER SUPPLY PCB SPFSP060-2L02L 12V/5V                                                                                                                                                                                                    |
| 0090.000             |              | 759551335500                |              | POLSTER LINKS                                                                                                                                                                                                                                                       | CUSHION LEFT                                                                                                                                                                                                                              |
| 0091.000             |              | 759551335600                |              | POSTER RECHTS                                                                                                                                                                                                                                                       | CUSHION RIGHT                                                                                                                                                                                                                             |
| 0092.000             |              | 759551336100                |              | KARTON                                                                                                                                                                                                                                                              | CARTON                                                                                                                                                                                                                                    |
|                      |              | 720117262000                |              | BEDIENUNGSANLEIT. D,GB,F,I,NL,TR,PL                                                                                                                                                                                                                                 | INSTRUCTION MANUAL D,GB,F,I,NL,TR,PL                                                                                                                                                                                                      |
|                      |              | 720117262100                |              | BEDIENUNGSANLEIT. S,DK,N,FIN,E,P                                                                                                                                                                                                                                    | INSTRUCTION MANUAL S,DK,N,FIN,E,P                                                                                                                                                                                                         |
|                      |              | 720100526000                |              | SERVICE MANUAL D/GB                                                                                                                                                                                                                                                 | SERVICE MANUAL D/GB                                                                                                                                                                                                                       |
|                      |              | 720100526100                |              | SERVICE MANUAL D/GB 1.ERGAENZUNG                                                                                                                                                                                                                                    | SERVICE MANUAL D/GB 1ST SUPPLEMENT                                                                                                                                                                                                        |
|                      |              | 720108000001                |              | SICHERHEITSMANUAL D/GB/E/F/I                                                                                                                                                                                                                                        | SAFETY SERVICE MANUAL D/GB/E/F/I                                                                                                                                                                                                          |

X = SIEHE GESONDERTE E-LISTE

X = SEE SEPARATE PARTS LIST

Es gelten die Vorschriften und Sicherheitshinweise gemäß dem Service Manual "Sicherheit", Mat.-Nummer 720108000001, sowie zusätzlich die eventuell abweichenden, landesspezifischen Vorschriften!



The regulations and safety instructions shall be valid as provided by the "Safety" Service Manual, part number 720108000001, as well as the respective national deviations.

ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

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LP-CHASSISMODUL LH  
CHASSISBOARD LH

MATERIAL-NR. / PART NO.: 275990189000

| POS. NR.<br>POS. NO. | ABB.<br>FIG. | MATERIAL-NR.<br>PART NUMBER | ANZ.<br>QTY. | BEZEICHNUNG<br>(D) | DESCRIPTION<br>(GB) |
|----------------------|--------------|-----------------------------|--------------|--------------------|---------------------|
|----------------------|--------------|-----------------------------|--------------|--------------------|---------------------|

275990189000

LP-CHASSISMODUL LH

CHASSISBOARD LH

| POS. NR.<br>POS. NO. | MATERIAL-NR.<br>PART NUMBER | BEZEICHNUNG<br>DESCRIPTION | POS. NR.<br>POS. NO. | MATERIAL-NR.<br>PART NUMBER | BEZEICHNUNG<br>DESCRIPTION  |
|----------------------|-----------------------------|----------------------------|----------------------|-----------------------------|-----------------------------|
| D 300                | 832538433000                | SMD Z-DIODE BZX84C33       | Q 204                | 830100484800                | SMD TRANS BC848B/ BC847B P  |
| D 301                | 759530510400                | DIODE BAV 99               | Q 207                | 830100484800                | SMD TRANS BC848B/ BC847B P  |
| D 302                | 832538412000                | SMD Z-DIODE BZX84C12       | Q 301                | 830100484800                | SMD TRANS BC848B/ BC847B P  |
| D 400                | 759551241900                | DIODE CHIP IMBD4148        | Q 302                | 830100484800                | SMD TRANS BC848B/ BC847B P  |
| D 401                | 759530510400                | DIODE BAV 99               | Q 303                | 830100685700                | SMD-TRANS.BC 857 C          |
| D 402                | 759530510400                | DIODE BAV 99               | Q 304                | 830100685700                | SMD-TRANS.BC 857 C          |
| D 403                | 759530510400                | DIODE BAV 99               | Q 305                | 830100685700                | SMD-TRANS.BC 857 C          |
| D 404                | 759530510400                | DIODE BAV 99               | Q 306                | 830100685700                | SMD-TRANS.BC 857 C          |
| D 405                | 759530510400                | DIODE BAV 99               | Q 307                | 830100484800                | SMD TRANS BC848B/ BC847B P  |
| D 600                | 759530510400                | DIODE BAV 99               | Q 308                | 830100484800                | SMD TRANS BC848B/ BC847B P  |
|                      |                             |                            | Q 310                | 830100484800                | SMD TRANS BC848B/ BC847B P  |
|                      |                             |                            | Q 311                | 830100685700                | SMD-TRANS.BC 857 C          |
| L 200                | 759550451500                | SPULE 10UH R0814           | Q 312                | 830100685700                | SMD-TRANS.BC 857 C          |
| L 201                | 759872527500                | SPULE 10UH+-20% 5152324    | Q 313                | 830100685700                | SMD-TRANS.BC 857 C          |
| L 202                | 759550451500                | SPULE 10UH R0814           | Q 600                | 830100484800                | SMD TRANS BC848B/ BC847B P  |
| L 203                | 759872527500                | SPULE 10UH+-20% 5152324    | Q 602                | 830100484800                | SMD TRANS BC848B/ BC847B P  |
| L 300                | 759550451500                | SPULE 10UH R0814           | Q 604                | 830100484800                | SMD TRANS BC848B/ BC847B P  |
| L 301                | 759550451500                | SPULE 10UH R0814           |                      |                             |                             |
| L 302                | 759872527500                | SPULE 10UH+-20% 5152324    | S 301                | 759550922900                | EURO AV BUCHSE              |
| L 303                | 759872527500                | SPULE 10UH+-20% 5152324    | S 303                | 759550922900                | EURO AV BUCHSE              |
| L 304                | 759872527500                | SPULE 10UH+-20% 5152324    |                      |                             |                             |
| L 305                | 759872527500                | SPULE 10UH+-20% 5152324    | SAW 300              | 831900696700                | OFWFL X6966M100 SIE         |
| L 306                | 759872527500                | SPULE 10UH+-20% 5152324    | SW 201               | 759551057800                | TASTSCHALTER                |
| L 307                | 759872527500                | SPULE 10UH+-20% 5152324    |                      |                             |                             |
| L 308                | 759872527500                | SPULE 10UH+-20% 5152324    | TU 351               | 759551246900                | TUNER CTF5547               |
| L 309                | 759875214900                | CHIP SPULE 8.2UH           |                      |                             |                             |
| L 310                | 759872527500                | SPULE 10UH+-20% 5152324    | U 200                | 759551141600                | IC GM2221                   |
| L 311                | 759872527500                | SPULE 10UH+-20% 5152324    | U 201                | 759550519300                | IC CHIP AT24C16AN 10SI TAPE |
| L 316                | 759872527500                | SPULE 10UH+-20% 5152324    | U 203                | 759551114100                | IC M25P40                   |
| L 317                | 759550975200                | SPULE 10 UH                | U 300                | 759540209400                | IC TDA 1308T/N1             |
| L 318                | 759550975200                | SPULE 10 UH                | U 302                | 759550951600                | IC MC14053BD                |
| L 319                | 759550975200                | SPULE 10 UH                | U 303                | 720086710700                | SW/IC LC VCTI L5C_VCTI_T81  |
| L 321                | 759550975200                | SPULE 10 UH                | U 400                | 759550969800                | IC M24C02-MN5T6T            |
| L 323                | 759550975200                | SPULE 10 UH                | U 402                | 759551246700                | IC CHIP PI3V512QWX (QSOP24) |
| L 324                | 759550975200                | SPULE 10 UH                | U 501                | 759551242000                | IC CHIP MAX9704 ST D-AUD AM |
| L 400                | 759872527500                | SPULE 10UH+-20% 5152324    | U 601                | 759551050800                | IC NCP 1117 DT 33 RK        |
| L 606                | 814052632600                | DR AX 0411-GA 47UH 5%      | U 602                | 759550968600                | TRANS FDS9933A              |
| L 607                | 814052632600                | DR AX 0411-GA 47UH 5%      | U 603                | 759551114600                | IC NCP1117DT18RK            |
| L 688                | 759550451500                | SPULE 10UH R0814           | U 604                | 759550968600                | TRANS FDS9933A              |
| L 698                | 759550451500                | SPULE 10UH R0814           | U 605                | 759550967700                | IC LM78L08ACZ               |
|                      |                             |                            | U 606                | 759551050800                | IC NCP 1117 DT 33 RK        |
| P 400                | 759551313000                | BUCHSE VGA B10B            |                      |                             |                             |
| Q 200                | 759550973400                | TRANS 2N002                | Y 200                | 759880686100                | QUARZ SMD 14.31818MHZ/30PF  |
| Q 201                | 759550973400                | TRANS 2N002                | Y 300                | 759550967300                | QUARZ 20.25 MHZ HC49-U      |
| Q 202                | 830100484800                | SMD TRANS BC848B/ BC847B P |                      |                             |                             |
| Q 203                | 830100484800                | SMD TRANS BC848B/ BC847B P |                      |                             |                             |

ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

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Spare Parts ListNUR FÜR INTERNEN GEBRAUCH  
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LP-CHASSISMODUL LH  
CHASSISBOARD LH

MATERIAL-NR. / PART NO.: 275990193600

| POS. NR.<br>POS. NO. | ABB.<br>FIG. | MATERIAL-NR.<br>PART NUMBER | ANZ.<br>QTY. | BEZEICHNUNG<br>(D) | DESCRIPTION<br>(GB) |
|----------------------|--------------|-----------------------------|--------------|--------------------|---------------------|
|----------------------|--------------|-----------------------------|--------------|--------------------|---------------------|

275990193600

LP-CHASSISMODUL LH

CHASSISBOARD LH

| POS. NR.<br>POS. NO. | MATERIAL-NR.<br>PART NUMBER | BEZEICHNUNG<br>DESCRIPTION | POS. NR.<br>POS. NO. | MATERIAL-NR.<br>PART NUMBER | BEZEICHNUNG<br>DESCRIPTION  |
|----------------------|-----------------------------|----------------------------|----------------------|-----------------------------|-----------------------------|
| D 300                | 832538433000                | SMD Z-DIODE BZX84C33       | Q 204                | 759551098700                | TRANS BC848BLT1G            |
| D 301                | 759530510400                | DIODE BAV 99               | Q 207                | 759551098700                | TRANS BC848BLT1G            |
| D 302                | 832538412000                | SMD Z-DIODE BZX84C12       | Q 301                | 759551098700                | TRANS BC848BLT1G            |
| D 400                | 759551241900                | DIODE CHIP IMBD4148        | Q 302                | 759551098700                | TRANS BC848BLT1G            |
| D 401                | 759530510400                | DIODE BAV 99               | Q 303                | 830100685700                | SMD-TRANS.BC 857 C          |
| D 402                | 759530510400                | DIODE BAV 99               | Q 304                | 830100685700                | SMD-TRANS.BC 857 C          |
| D 403                | 759530510400                | DIODE BAV 99               | Q 305                | 830100685700                | SMD-TRANS.BC 857 C          |
| D 404                | 759530510400                | DIODE BAV 99               | Q 306                | 830100685700                | SMD-TRANS.BC 857 C          |
| D 405                | 759530510400                | DIODE BAV 99               | Q 307                | 759551098700                | TRANS BC848BLT1G            |
| D 600                | 759530510400                | DIODE BAV 99               | Q 308                | 759551098700                | TRANS BC848BLT1G            |
|                      |                             |                            | Q 309                | 830938405600                | SMD Z-DIODE BZX84C5V6 SOT23 |
|                      |                             |                            | Q 310                | 759551098700                | TRANS BC848BLT1G            |
| L 200                | 759550451500                | SPULE 10UH R0814           | Q 311                | 830100685700                | SMD-TRANS.BC 857 C          |
| L 201                | 759872527500                | SPULE 10UH+-20% 5152324    | Q 312                | 830100685700                | SMD-TRANS.BC 857 C          |
| L 202                | 759550451500                | SPULE 10UH R0814           | Q 313                | 830100685700                | SMD-TRANS.BC 857 C          |
| L 203                | 759872527500                | SPULE 10UH+-20% 5152324    | Q 600                | 759551098700                | TRANS BC848BLT1G            |
| L 300                | 759550451500                | SPULE 10UH R0814           | Q 602                | 759551098700                | TRANS BC848BLT1G            |
| L 301                | 759550451500                | SPULE 10UH R0814           | Q 604                | 759551098700                | TRANS BC848BLT1G            |
| L 302                | 759872527500                | SPULE 10UH+-20% 5152324    |                      |                             |                             |
| L 303                | 759872527500                | SPULE 10UH+-20% 5152324    | S 301                | 759550922900                | EURO AV BUCHSE              |
| L 304                | 759872527500                | SPULE 10UH+-20% 5152324    | S 303                | 759550922900                | EURO AV BUCHSE              |
| L 305                | 759872527500                | SPULE 10UH+-20% 5152324    |                      |                             |                             |
| L 306                | 759872527500                | SPULE 10UH+-20% 5152324    | SAW 300              | 831900696700                | OFWFL X6966M100 SIE         |
| L 307                | 759872527500                | SPULE 10UH+-20% 5152324    | SW 201               | 759551057800                | TASTSCHALTER                |
| L 308                | 759872527500                | SPULE 10UH+-20% 5152324    |                      |                             |                             |
| L 309                | 759875214900                | CHIP SPULE 8.2UH           | TU 351               | 759551246900                | TUNER CTF5547               |
| L 310                | 759872527500                | SPULE 10UH+-20% 5152324    | U 200                | 759551141600                | IC GM2221                   |
| L 311                | 759872527500                | SPULE 10UH+-20% 5152324    | U 201                | 759550519300                | IC CHIP AT24C16AN 10SI TAPE |
| L 316                | 759872527500                | SPULE 10UH+-20% 5152324    | U 203                | 759551114100                | IC M25P40                   |
| L 317                | 759550975200                | SPULE 10 UH                | U 300                | 759540209400                | IC TDA 1308T/N1 *CDP75/110  |
| L 318                | 759550975200                | SPULE 10 UH                | U 302                | 759550951600                | IC MC14053BD                |
| L 319                | 759550975200                | SPULE 10 UH                | U 400                | 759550969800                | IC M24C02-MN5T6T            |
| L 321                | 759550975200                | SPULE 10 UH                | U 402                | 759551246700                | IC CHIP PI3V512QWX (QSOP24) |
| L 323                | 759550975200                | SPULE 10 UH                | U 501                | 759551242000                | IC CHIP MAX9704 ST D-AUD AM |
| L 324                | 759550975200                | SPULE 10 UH                | U 601                | 759551050800                | IC NCP 1117 DT 33 RK        |
| L 400                | 759872527500                | SPULE 10UH+-20% 5152324    | U 602                | 759550968600                | TRANS FDS9933A              |
| L 606                | 814052632600                | DR AX 0411-GA 47UH 5%      | U 603                | 759551114600                | IC NCP1117DT18RK            |
| L 607                | 814052632600                | DR AX 0411-GA 47UH 5%      | U 604                | 759550968600                | TRANS FDS9933A              |
| L 688                | 759550451500                | SPULE 10UH R0814           | U 605                | 759550967700                | IC LM78L08ACZ               |
| L 698                | 759550451500                | SPULE 10UH R0814           | U 606                | 759551050800                | IC NCP 1117 DT 33 RK        |
| P 400                | 759551313000                | BUCHSE VGA B10B            |                      |                             |                             |
| Q 200                | 759550973400                | TRANS 2N002                | Y 200                | 759880686100                | QUARZ SMD 14.31818MHZ/30PF  |
| Q 201                | 759550973400                | TRANS 2N002                | Y 300                | 759550967300                | QUARZ 20.25 MHZ HC49-U      |
| Q 202                | 830100484800                | SMD TRANS BC848BLT1G       |                      |                             |                             |
| Q 203                | 759551098700                | TRANS BC848BLT1G           |                      |                             |                             |

ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION