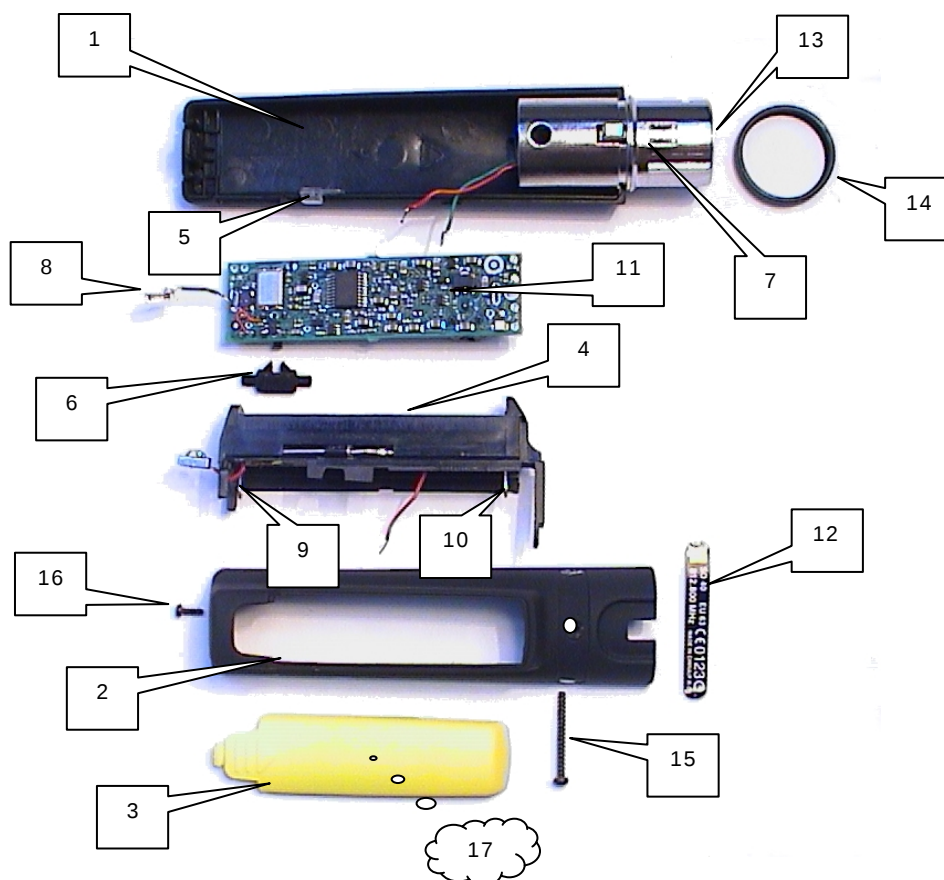


7615H02XX0 soft touch version  
7616H12XX0 none soft touch version



| Description                             | Pos. | Part Nbr.<br>Best. -Nr.                           | Quant<br>Stück | Bezeichnung                                      |
|-----------------------------------------|------|---------------------------------------------------|----------------|--------------------------------------------------|
| SO 40 (Service exchange item)           | X    | 858578...<br>see Table below<br>sh. Tabelle unten | 1              | SO 40 (Service-Tauschprodukt)                    |
| Housing, bottom                         | 1    | 2891Z1101                                         | 1              | Gehäuse, Unterteil                               |
| Housing, bottom (none soft touch)       | 1    | 2891Z1102                                         | 1              | Gehäuse, Unterteil (keine soft touch Farbe)      |
| Housing, top                            | 2    | 2891Z1201                                         | 1              | Gehäuse, Oberteil                                |
| Housing, top facelift (none soft touch) | 2    | 2891Z1202                                         | 1              | Gehäuse, Oberteil (keine soft touch Farbe)       |
| Battery cover, black                    | 3    | 2891Z1301                                         | 1              | Batteriedeckel, schwarz                          |
| Battery cover, black (none soft touch)  | 3    | 2891Z1330                                         | 1              | Batteriedeckel, schwarz (keine soft touch Farbe) |
| Battery cover, coloured                 | 3    | 2891Z1301*                                        | 1              | Batteriedeckel, farbig                           |
| Battery holder                          | 4    | 2891Z2201                                         | 1              | Batteriehalter                                   |
| Light guide                             | 5    | 2891Z1701                                         | 1              | Lichtleiter                                      |
| Slider button                           | 6    | 2891Z1801                                         | 1              | Schiebeknopf                                     |
| Connector sleeve                        | 7    | 2891Z1601                                         | 1              | Steckerhülse                                     |
| Charging contact                        | 8    | 2891Z1901                                         | 2              | Ladekontakt                                      |
| Battery contact + pole (plate)          | 9    | 2891Z2001                                         | 1              | Batteriekontakt, Pluspol (Platte)                |
| Battery contact - pole (spring)         | 10   | 2891Z2101                                         | 1              | Batteriekontakt, Minuspol (Feder)                |
| Printed circuit board, complete         | 11   | 2891M0101*                                        | 1              | Print, komplett                                  |
| Frequency sticker                       | 12   | 4743S...*                                         | 1              | Frequenzaufkleber                                |
| XLR – Connector                         | 13   | 0017E0001                                         | 1              | XLR - Stecker                                    |
| Rubber ring                             | 14   | 0017E0354                                         | 1              | Gummiring                                        |
| Screw KB 18x16                          | 15   | 107507000                                         | 1              | Schraube KB 18x16                                |
| Screw KB 15x4                           | 16   | 107524000                                         | 1              | Schraube KB 15x6                                 |
| Foam rubber                             | 17   | 2891Z2601                                         | 1              | Schaumeinlage                                    |
| Screwdriver                             | --   | --                                                | 1              | Schraubendreher                                  |

\* please state frequency, see next page. Boards 11 are sold off and will be replaced by service exchange items

\* bitte Frequenz angeben, siehe nächste Seite. Prints 11 werden abverkauft und durch Service – Austauschprodukte ersetzt

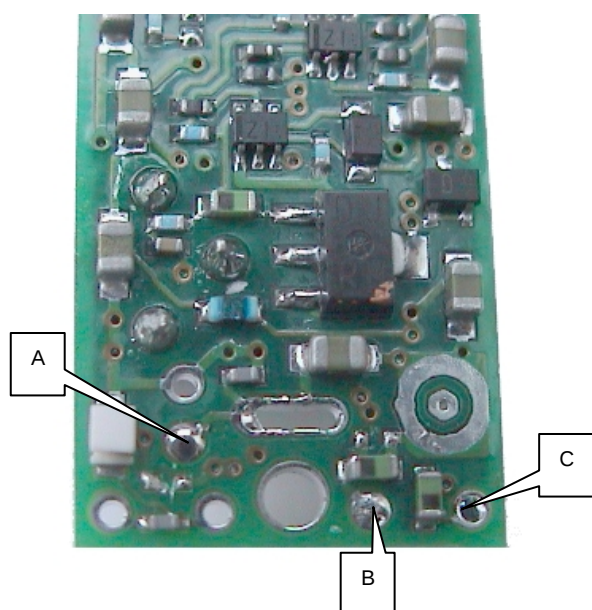
## Frequency and color code table

## Frequenz und Kennfarben – Tabelle

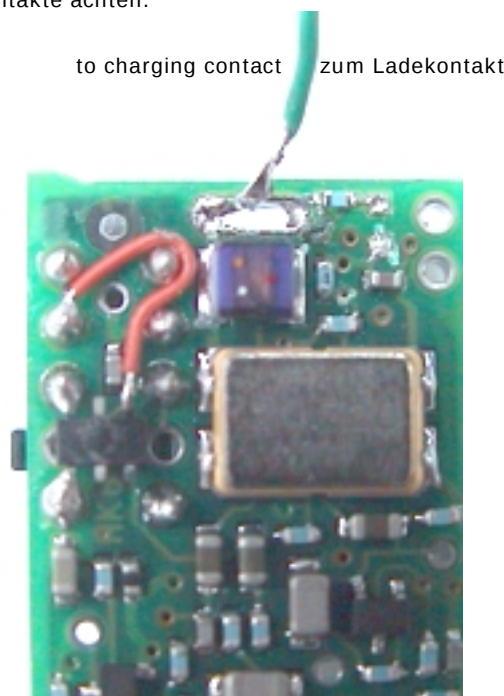
| Frequ.-Set | Frequency /Frequenz | Colour        | Farbe        | Pantone Nr. | SO 40 Serv.exchg. item<br>SO 40 Service-Aust.-Prod. |
|------------|---------------------|---------------|--------------|-------------|-----------------------------------------------------|
| US54       | 710.400 MHz         | reddish brown | rotbraun     | 471C        | 858578000                                           |
| US54B      | 711.000 MHz         | skyblue       | himmelblau   | 285C        | on request                                          |
| US58       | 734.600 MHz         | purple        | purpur       | 239C        | 858578010                                           |
| US58B      | 736.975 MHz         | yellowgreen   | gelbgrün     | 375C        | on request                                          |
| KR3        | 745.650 MHz         | mint green    | minzgrün     | 3245C       | 858578020                                           |
| US60A      | 748.875 MHz         | green         | grün         | 354U        | on request                                          |
| KR4        | 750.900 MHz         | dark grey     | dunkelgrau   | 444C        | 858578030                                           |
| US60B      | 751.550 MHz         | dark purple   | dunkelpurpur | 513C        | on request                                          |
| EU62       | 802.525 MHz         | warm red      | dunkelrot    | 172C        | 858578040                                           |
| EU62B      | 805.100 MHz         | pink          | rosa         | 236C        | on request                                          |
| JP1        | 808.625 MHz         | greenbrown    | grünbraun    | 410C        | on request                                          |
| JP2        | 809.125 MHz         | light blue    | hellblau     | 2708C       | on request                                          |
| EU63       | 812.800 MHz         | yellow        | gelb         |             | 858578050                                           |
| EU63B      | 813.100 MHz         | pink red      | altrosa      | 709C        | on request                                          |
| SP1        | 848.750 MHz         | sky blue      | himmelblau   | 285C        | 858578060                                           |
| SP2        | 851.750 MHz         | yellow green  | gelbgrün     | 375C        | 858578070                                           |
| UK69A      | 854.900 MHz         | violet        | violett      | 2736C       | 858578080                                           |
| UK69B      | 858.200 MHz         | green         | grün         | 3275C       | 858578090                                           |
| ISM1       | 863.100 MHz         | melon yellow  | dunkelgelb   | 1235C       | 858578100                                           |
| ISM2       | 864.375 MHz         | cool grey     | hellgrau     |             | 858578110                                           |
| ISM3       | 864.850 MHz         | cyan          | hellviolett  | 2567C       | on request                                          |

**How to dismantle:** To open, take off battery cover 3 and batteries. Then remove sticker 12 and undo screws 15 and 16. Separate parts 1 and 2. Carefully pull out connector sleeve 7 and battery holder 4 with board 11. To take out the board completely remove all solder from the battery contact terminals using a solder pump. Then pull board from battery holder. When re-assembling mind correct seat of the charging contacts.

**Zerlegeanleitung:** Zuerst Batteriedeckel abnehmen und Batterie entfernen. Aufkleber 12 abziehen und Schrauben 15 und 16 lösen. Dann, Teile 1 und 2 voneinander trennen, Steckerhülse 7 vorsichtig abziehen und Batteriehalter 4 mit Print 11 aus dem Gehäuse nehmen. Um den Print zu tauschen, Anschlüsse der Batteriekontakte mittels Zinnpumpe vollständig vom Zinn befreien und Print abziehen. Beim Wieder- zusammenbau auf richtige Lage der Ladekontakte achten.



A: red wire to charging contact via diode cathode in battery holder  
 B: green wire to terminal 3 of XLR connector  
 C: red wire to terminal 2 of XLR connector



A: roter Draht zu Ladekontakt über Diodekathode im Batteriehalter  
 B: grüner Draht zu Anschluß 3 des XLR Steckers  
 C: roter Draht zu Anschluß 2 des XLR Steckers

## Permitted frequencies per country

## Zugelassene Frequenzen pro Land

| <i>R&amp;TTEd countries:</i> |               | frequency<br>(MHz) | AT | BE | CH | DE | DK | ES | FI | FR | GB | GR | IE | IS | IT | LI | LU | NO | NL | PT* | SE |
|------------------------------|---------------|--------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|----|
| Set code                     | Color Code    |                    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |
| US54                         | reddish brown | 710,4              | ✓  | ✓  | ✓  | ✓  | .  | .  | .  | ✓  | ✓  | .  | ✓  | ✓  | ✓  | ✓  | ✓  | .  | ✓  | ✓   | ✓  |
| US58                         | purple        | 734,6              | ✓  | ✓  | ✓  | ✓  | .  | .  | .  | ✓  | ✓  | .  | ✓  | ✓  | ✓  | ✓  | ✓  | .  | ✓  | ✓   | ✓  |
| EU62                         | warm red      | 802,525            | ✓  | .  | ✓  | ✓  | ✓  | .  | ✓  | ✓  | ✓  | .  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | .  | ✓   | ✓  |
| EU63                         | yellow C      | 812,8              | ✓  | .  | ✓  | ✓  | ✓  | .  | ✓  | ✓  | ✓  | .  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓   | ✓  |
| UK69A                        | violet        | 854,9              | ✓  | ✓  | ✓  | ✓  | .  | .  | .  | .  | ✓  | .  | ✓  | ✓  | .  | ✓  | ✓  | .  | .  | ✓   | ✓  |
| UK69B                        | green         | 858,2              | ✓  | ✓  | ✓  | ✓  | .  | .  | .  | .  | ✓  | .  | ✓  | ✓  | .  | ✓  | ✓  | .  | .  | ✓   | ✓  |
| ISM1                         | melon yellow  | 863,1              | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | .  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓   | ✓  |
| ISM2                         | cool gray     | 864,375            | ✓  | ✓  | ✓  | ✓  | ✓  | .  | ✓  | ✓  | ✓  | .  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓   | ✓  |
| KR3                          | mintgreen     | 745,65             | ✓  | .  | ✓  | .  | .  | .  | .  | ✓  | ✓  | .  | ✓  | ✓  | ✓  | ✓  | ✓  | .  | ✓  | ✓   | ✓  |
| KR4                          | darkgray      | 750,9              | ✓  | .  | ✓  | .  | .  | .  | .  | ✓  | ✓  | .  | ✓  | ✓  | ✓  | ✓  | ✓  | .  | ✓  | ✓   | ✓  |
| US54B                        | skyblue       | 711                | ✓  | ✓  | ✓  | ✓  | .  | .  | .  | ✓  | ✓  | .  | ✓  | ✓  | ✓  | ✓  | ✓  | .  | ✓  | ✓   | ✓  |
| US58B                        | yellowgreen   | 736,975            | ✓  | ✓  | ✓  | ✓  | .  | .  | .  | ✓  | ✓  | .  | ✓  | ✓  | ✓  | ✓  | ✓  | .  | ✓  | ✓   | ✓  |
| US60A                        | green         | 748,875            | ✓  | .  | ✓  | ✓  | .  | .  | .  | ✓  | ✓  | .  | ✓  | ✓  | ✓  | ✓  | ✓  | .  | ✓  | ✓   | ✓  |
| US60B                        | dark purple   | 751,55             | ✓  | .  | ✓  | ✓  | ✓  | .  | .  | ✓  | ✓  | .  | ✓  | ✓  | ✓  | ✓  | ✓  | .  | ✓  | ✓   | ✓  |
| EU62B                        | pink          | 805,1              | ✓  | .  | ✓  | ✓  | ✓  | .  | ✓  | ✓  | ✓  | .  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | .  | ✓   | ✓  |
| JP1                          | greenbrown    | 808,625            | ✓  | .  | ✓  | ✓  | ✓  | .  | ✓  | ✓  | ✓  | .  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓   | ✓  |
| JP2                          | light blue    | 809,125            | ✓  | .  | ✓  | ✓  | ✓  | .  | ✓  | ✓  | ✓  | .  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓   | ✓  |
| EU63B                        | pink red      | 813,1              | ✓  | .  | ✓  | ✓  | ✓  | .  | ✓  | ✓  | ✓  | .  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓   | ✓  |
| ISM3                         | cyclam        | 864,85             | ✓  | ✓  | ✓  | ✓  | ✓  | .  | ✓  | ✓  | ✓  | .  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓   | ✓  |