

1 next-mel mounting

The *next-mel* module can easily be mounted into the chargers of the *nextGeneration* series.

To operate the *next-mel* module it is necessary that the *nextGeneration* works with the firmware version 1.20 or higher. If required the firmware can be downloaded from section C 3 of our Homepage.

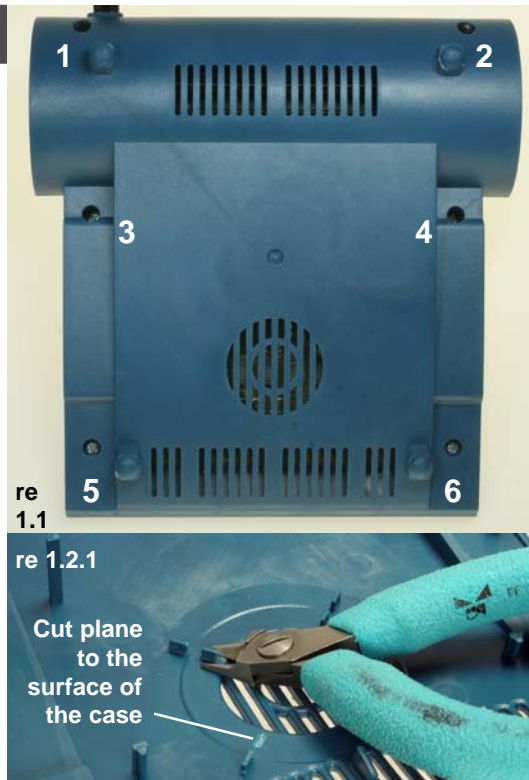
1.1 Opening the case

Undo the six cross-point screws (1-6) and remove the bottom case section.

1.2 Mounting the loudspeaker

1.2.1 Preparation: The 4 inner center ribs in the circle of the loudspeaker must be removed if existent. Please cut them plane to the surface of the bottom case section.

1.2.2 The mounting of the loudspeaker should be made by rapid glue (not thin, use medium liquid). Please apply a circular „track“ on the bottom case along the outer edge of the inner round and plane mounting circle. Place the loudspeaker with its cable in the shown direction. This is necessary that the cable later lies down on the right place in the case (45° diagonal to the left side backward, Fig. 1.3).



1.4 The mounting of the *next-mel* module on the base PCB of the *nextGeneration* charger:

1.4.1 Locate the ten holes in the smooth underside of the *next-mel* module (9) and position them directly over the ten connector pins (7) mounted on the large base circuit board. Don't use force! The *next-mel* module will automatically (!) fall into place on the base circuit board if correctly positioned. Check that the two nylon screws engage in the corresponding holes in the base circuit board.

1.4.2 Pressing the *next-mel* module into place

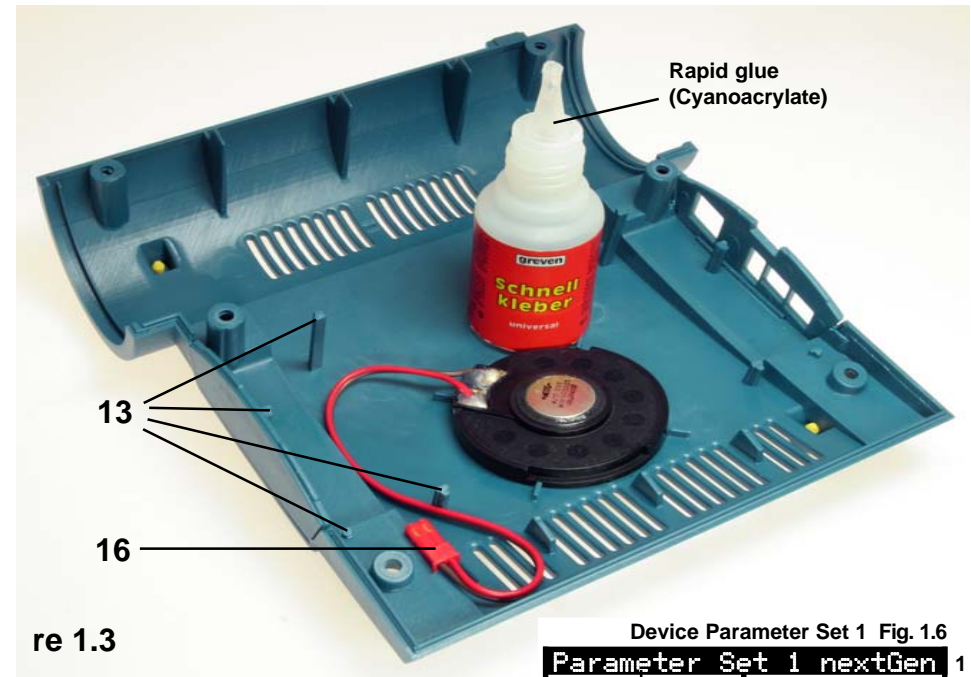
Press the *next-mel* module down firmly as far as it will go, to ensure that the connectors make good contact. The tips of the connector pins (7) must be exposed at the top of the ten-pin socket (10).

1.4.3 Note: the *nextConn* module is not screwed to the base circuit board. Nevertheless, it is held in place securely by the moulded-in supports of the bottom case section (13) and the two nylon screws (11-12) when the case components are screwed together. Connect the plug (16).

1.5 Closing the case

Position the bottom case section accurately on the top case section, taking care to engage the side panels correctly. Re-fit the screws (1 - 6); take care not to over-tighten them.

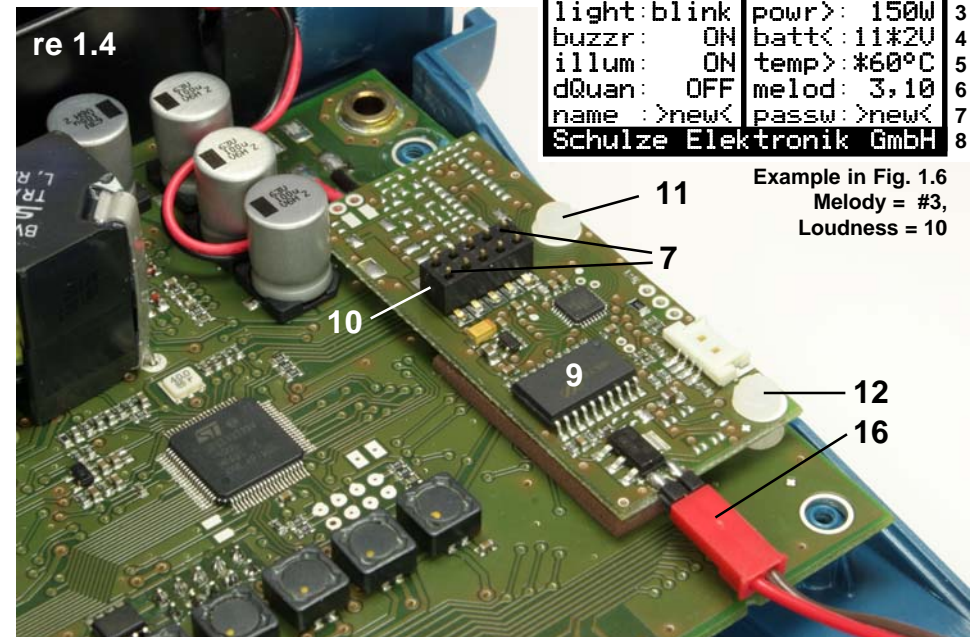
1.6 The working adjustments for the melody module has to be carried out in the device parameter set no. 1 (above the pass word input: line 6 right). The menu shows 2 numbers: selected melody, loudness. These parameters are only alterable when the melody module is plugged in. At first one of 12 melodies (or 0 = off) are to be selected, then the loudness in the range of 5...15. The selected melody is playing for 30 seconds after detecting a „full“ or „flat“ battery. By pressing <+> the melody can be interrupted prematurely.



re 1.3

Device Parameter Set 1 Fig. 1.6

Parameter Set 1 nextGen		
fan	OFF	curr>:* 16A
light	blink	power>: 150W
buzzr:	ON	batt<: 11*2U
illum:	ON	temp>:*60°C
dQuan:	OFF	melod: 3,10
name	>new<	passw: >new<
Schulze Elektronik GmbH		



Example in Fig. 1.6
Melody = #3,
Loudness = 10