Technical Manual

RS Custom Product Platform
Coyote 6 CIC

GN Making Life Sound Better

GN ReSound A/S
Global Technical Operations
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Denmark

Table of Contents

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Below is a form-factor-matrix of available models for each HI family. This Tech Man contains the necessary repair process for each mentioned model

Cambridge Custom (C6)		Battery 10A	Power			Single Mic	PB	VC	Tele coil	Auto Phone	WL 2.4	WL E2E	WL iOS/Android
			LP	MP	HP								
ONE 9	RT9CIC-LP	x	x			x	Optional	N/A	N/A	N/A	N/A	N/A	N/A
	RT9CIC-MP	x		x		x	Optional	N/A	N/A	N/A	N/A	N/A	N/A
	RT9CIC-HP	x			x	x	Optional	N/A	N/A	N/A	N/A	N/A	N/A
ONE 7	RT7CIC-LP	x	x			x	Optional	N/A	N/A	N/A	N/A	N/A	N/A
	RT7CIC-MP	x		x		x	Optional	N/A	N/A	N/A	N/A	N/A	N/A
	RT7CIC-HP	x			x	x	Optional	N/A	N/A	N/A	N/A	N/A	N/A
ONE 5	RT5CIC-LP	x	x			x	Optional	N/A	N/A	N/A	N/A	N/A	N/A
	RT5CIC-MP	x		x		x	Optional	N/A	N/A	N/A	N/A	N/A	N/A
	RT5CIC-HP	x			x	x	Optional	N/A	N/A	N/A	N/A	N/A	N/A
ONE 4	RT4CIC-LP	x	x			x	Optional	N/A	N/A	N/A	N/A	N/A	N/A
	RT4CIC-MP	x		x		x	Optional	N/A	N/A	N/A	N/A	N/A	N/A
	RT4CIC-HP	x			x	x	Optional	N/A	N/A	N/A	N/A	N/A	N/A

For technical data please refer to Technical Data Sheet / Product Information for each model

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Item	Part No
TUBING,Q-FLEX,.062ID,.095OD (for LP REC)	10049101
TUBING,SILICONE,.100ID X.116OD (for MP-HP REC)	11509-000
TUBING,SILICONE,.120ID X.136OD (For REC.)	10929-000
TUBING,SILICONE,.012"ID.025"OD (for PB)	26100668388
MIC,TO38-30702-G33,PKG	18733300
RECEIVER,44A007 (LP)	16909200
RECEIVER,E50DF007GH (MP)	22349000
RECEIVER,E90DZ009 (HP)	22349100
REC INSULATION TAPE, 9*2MM (For LP Rec)	20872300
REC INSULATION TAPE, 12*3MM (For MP-HP Rec)	20701700
HYB INSULATION TAPE,8*23MM	20588400
HYB INSULATION TAPE,5*16MM	20588500

Item	Part No
SLEEVE,WIRE Uncut (Orange FOR MIC)	11834-001
TYGON TUBING .035X.062 (MIC TUBE)	0198602
TUBING TYGON (REC TUBE)	0198601
WIRE ESW GREEN,7X50U,6MM (PROG)	15130206
WIRE,ESW,AMBER,7X50U,14MM (PROG)	15130114
WIRE,ESW,AMBER,7X50U,18MM (MIC)	15130118
WIRE,ESW,BLUE,7X50U,14MM (PROG)	15130314
WIRE,ESW,GREEN,7X50U,18MM (MIC/BAT -)	15130218
WIRE,ESW,GREEN,7X50U,25MM (REC)	15130225
WIRE,ESW,RED,7X50U,14MM (BAT +)	15130014
WIRE,ESW,RED,7X50U,18MM (MIC)	15130018
WIRE,ESW,RED,7X50U,25MM (REC)	15130025

Part No's for test equipment are to be found on the last pages

Note: Peters coat must be added after soldering check the vendor website: www.peters.de to purchase locally.

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Blank FP 10A UNIVERSAL (Raw)	Part No
FP,10A,UNIV,LHT (LIGHT BEIGE)	19184600
FP,10A,UNIV,DRK (BROWN)	19184602
FP,10A,UNIV,BGE (BEIGE)	19184604
FP,10A,UNIV,MBR (MEDIUM BROWN)	19184605
FP,10A,UNIV,DBR (DARK BROWN)	19184606
FP,10A,UNIV,ANT (ANTHRACITE)	19184611

Push Button	Part No
PUSH BUTTON SWITCH,PNK/LHT	20743400
SW,PUSH BUTTON 95,BGE	10000604
SW,PUSH BUTTON 95,DBR	10000606
SW,PUSH BUTTON 95,BN	10000603
PUSH BUTTON SWITCH MBR	20008200
PUSH BUTTON SWITCH,ANT	22395800

Battery Doors 10A (nano coated)	Type A (Left)	Type B (Right)
LIGHT BEIGE	21132910	21132920
BROWN	21132912	21132922
BEIGE	21132914	21132924
MEDIUM BROWN	21132915	21132925
DARK BROWN	21132916	21132926
ANTHRACITE	22483011	22482911

Program Module (I-Block module)	Part No
Light (LHT)	19184900
Medium Brown (MBR)	19184905

Note: See next page (page 6) on properly installing the I-Block Prog module on raw blank faceplate

Accessories	Part No
PUSH BUTTON EXTENDER,BE	6655101
WINDHOOD BGE	WHB
WINDHOOD CAR	WHCB
WINDHOOD MBN	WHMB
WINDHOOD PNK	WHP
WINDHOOD ANT	22368400
WINDSCREEN BGE MEDIUM	WSB-I
WINDSCREEN BGE SMALL	WSB-S
WINDSCREEN CAR MEDIUM	WSCB-I
WINDSCREEN CAR SMALL	WSCB-S
WINDSCREEN MBN MEDIUM	WSMB-I
WINDSCREEN MBN SMALL	WSMB-S
WINDSCREEN PNK MEDIUM	WSP-I
WINDSCREEN PNK SMALL	WSP-S
WINDSCREEN ANT MEDIUM	22368300
WINDSCREEN ANT SMALL	22368200

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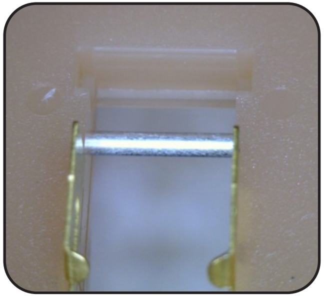
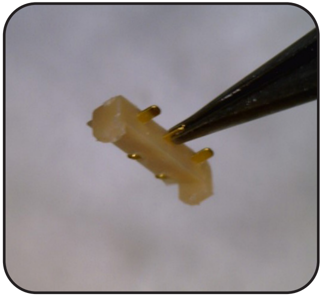
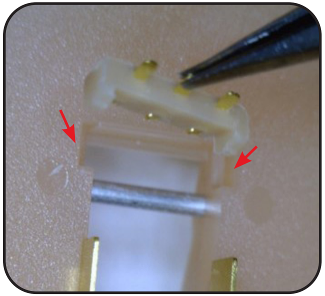


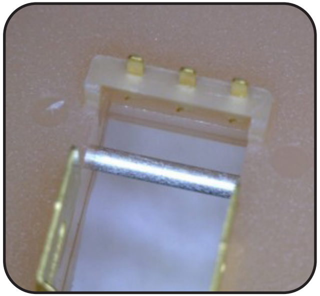
Raw blank faceplate w/o module



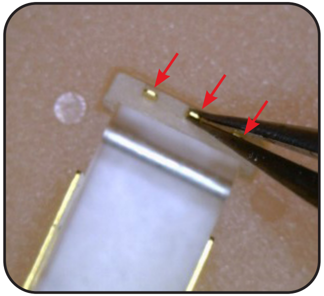
Using a tweezer, Pick up module by contact to avoid damaging the plastic

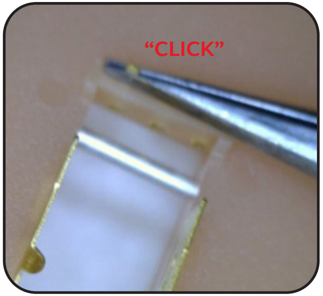


Insert module into slot in faceplate. Contacts point toward hinge pin

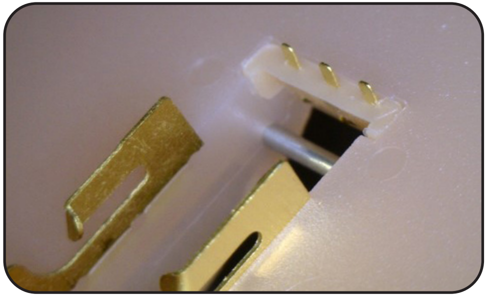


Ensure that the I-Block prog module is placed evenly (both ends) on faceplate. Module is not snapped in all the way





Use a tweezer and press down until it clicks into place. Module is snapped in and flush to surface of faceplate



Note: No adhesive necessary to place I-Block module on faceplate

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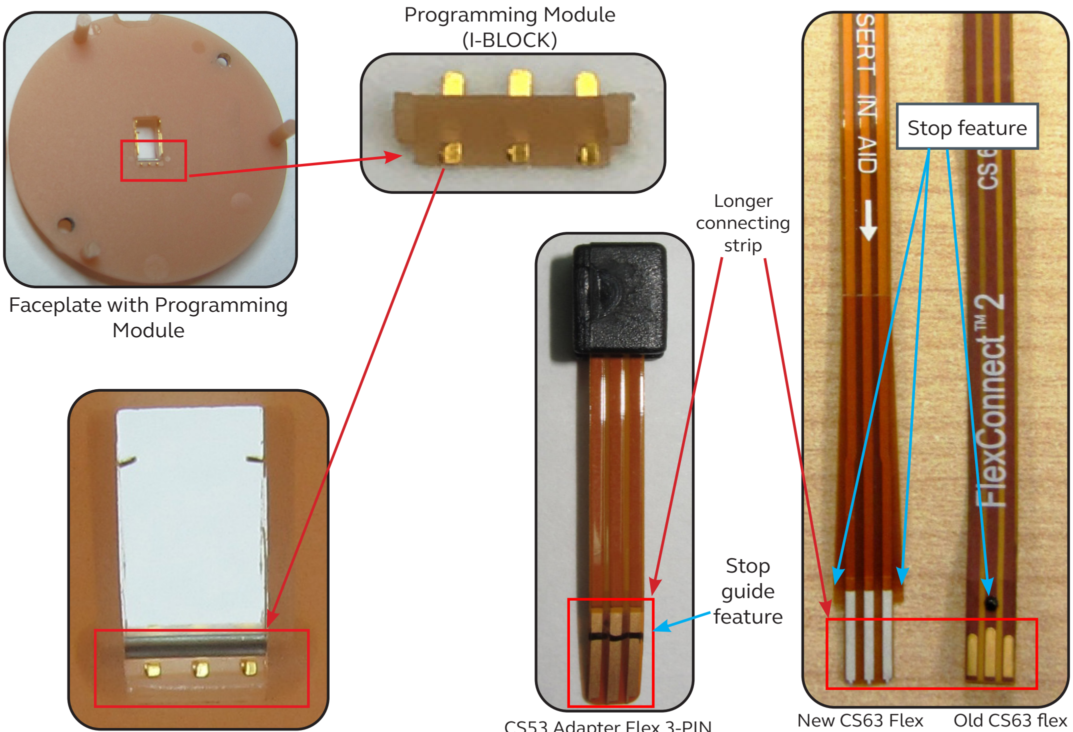

Faceplate with Programming Module

CS53 Adapter Flex 3-PIN P/N 19533900

New CS63 Flex cable strip P/N 19181700

Old CS63 flex cable strip

Note:
Please make sure to use the new CS63 flex cable with a longer strip connection P/N 19181700 or Adapter Flex,3-PIN CS53 P/N 19533900. Failure to use the new CS63 flex cable or CS53 Adapter Flex 3-Pin will result to failure of connectivity with the device.

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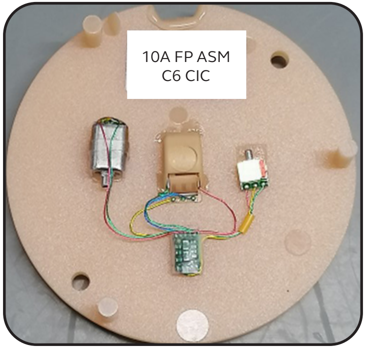
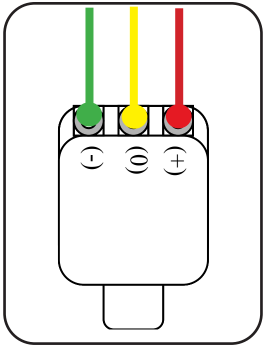
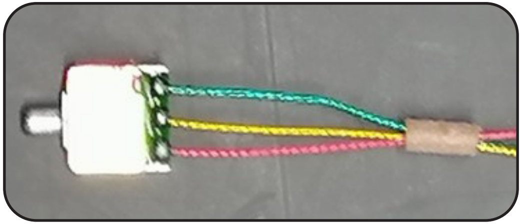


Picture shown is example of the assembly of different configurations.



Solder wires as shown above



Install orange sleeve (2.5mm) to the Mic wire.

NOTE: Peters coat must be added after soldering

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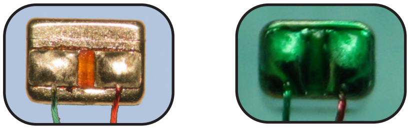
LP MP HP

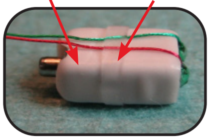
For LP



Solder the wires - Paste Rec Insulation Tape

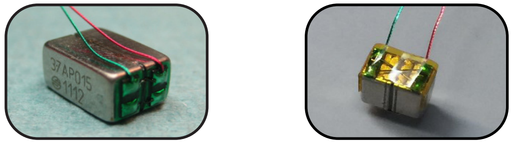
Q-flex tubing
p/n 10049101

Silicone tubing
p/n 10929-000

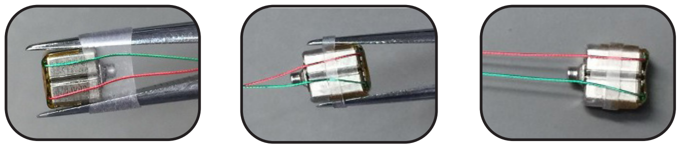


Place the Q-flex tubing as shown. Bend the wires.
Cut the silicone tubing to 1.3 mm and place it over the wires

For - MP-HP



Paste Rec Insulation Tape in the solder joint of REC



Wrap Rec with Tubing,silicone p/n 10929-000.
Place Tubing,silicone uncut 1.3mm around Rec&Wrap

NOTE: Peters coat must be added after soldering

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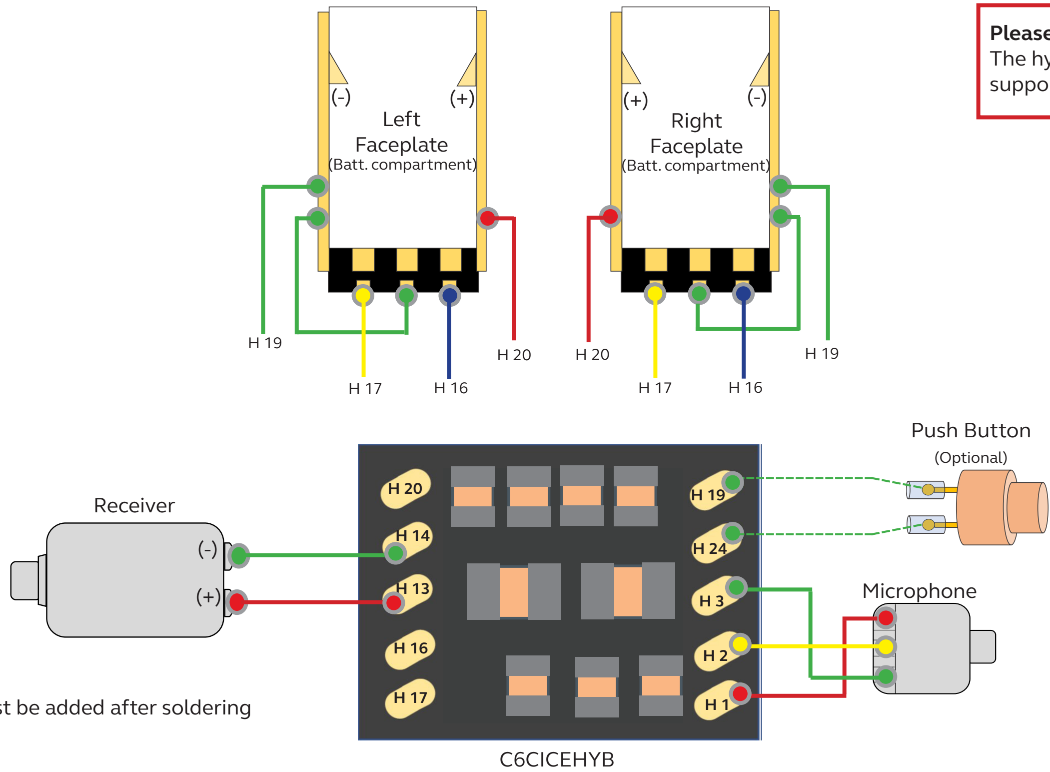
Please Note:
The hybrid C6 does not support Volume Control.



NOTE:
Peters coat must be added after soldering

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Programming cable sets mentioned can be used

OR

OR

Adapt Flex,
3 PIN CS53

CS44 cable

Connect the flex to the prog cable by using the flex end marked with an arrow

- Prog cable CS63
  p/n 15206700 (right)
  p/n 15206701 (left)

Strip, Flex, CS63 PRG
p/n 19181700

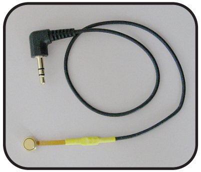
Hi-Pro Programming cable CS44:
p/n 9022 907 69029, Left (Blue)
p/n 9022 907 69019, Right (Red)

Flex Connector Clip CS63
p/n 3122 150 73781

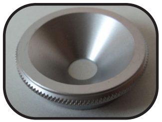
Strip, Flex, CS63 PRG
p/n 19181700

Hi-Pro Programming cable CS44:
p/n 9022 907 69029, Left (Blue)
p/n 9022 907 69019, Right (Red)

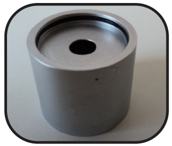
Adapter, Flex, 3 PIN, CS53
P/N 19533900



When testing/programming a batt pill must be used: p/n 17449200, size 10A



Either of the shown 2cc coupler inserts can be used. Both inserts can be ordered with GTO in HQ. More info to be found on GTO website under “DSA6000 Documentation”



2cc coupler
p/n 30-4838800
to be ordered with GTO
Dept/HQ Ballerup DK

NOTE: Test parts to be used for testing on DSA6000

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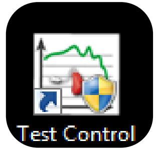
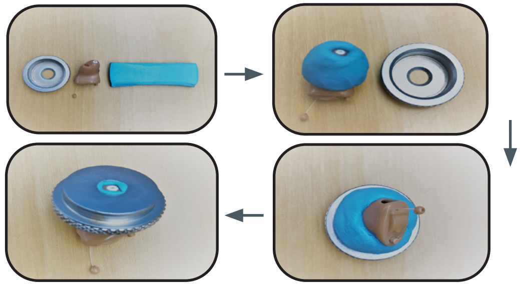
1- Open Test Control. (DSA 6000) 2- Ensure Acoustical Calibration and Validation System (Doc# 0202830) have been calibrated prior to testing hearing instruments.	
3- Wrap the canal tip with Fun-tak including the vent hole. 4- Leave vent on faceplate side open. 5- Check to see that the receiver tube is centered in the coupler and the tip of the canal is flush with the coupler.	
6- Connect programming cable and battery pill into device. 7- Place the device in the sound chamber box making sure that it is on the blue area with the faceplate facing the speaker. Close the sound chamber and run the test. Follow instructions on screen.	

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