

Configuring Hardware Consoles and HB-3+ to Operate DISH-2 Stereo Headsets



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1.0 General

This application note is intended to show how to configure a hardware console (C-6200 and IP-1616) and the HB-3+ to support the DISH-2 stereo headset, select audio in one (1) ear and unselect audio in the other ear. You must manufacture a cable assembly using one of the supplied audio cables shipped with the HB-3+ and a male DB-25 connector (not supplied).

2.0 Theory of Operation

Connection between the console and HB-3+ are the same as normal except no unselect audio is added into the HB-3+ via the additional cable from the consoles Unselect Recorder output.

3.0 Cable Assembly

The HB-3+ is delivered with three (3) audio cables.

To **make the xxx cable assembly**, do the following:

1. Find the **cable with a 1/4" male phono jack on one end and an 1/8" audio jack**

NOTE: Two (2) cables are supplied with the HB-3+.

2. Cut the **end with the 1/8" jack** off and expose the three (3) wires.
3. Solder the **shield wires to pin 23 and the brown wire to pin 11** to the AUX Recorder DB-25 on the rear of the consoles and the Speaker IN jack.

NOTE: The black wire is not connected.

4. Install a **connector shield** to finish the cable assembly.

4.0 HB-3+ Configuration

To **configure the HB-3+ jumpers**, do the following:

1. Set to the **position A:**
 - JMP3 and JMP12
2. Set to the **position B:**
 - JMP8

5.0 Console Configuration

Using Figure 1, make the following changes to the console configuration webpages.

Account Setup | Clone & PIN | ID Directory | Paging Directory | Paging Setup | System Setup 1 | System Setup 2 | Tone Freq

System Setup 1

Submit

Crosspatch Setup

CRP RX Audio: UNSEL Speaker SEL Speaker CRP PTT Mode: SEL CRP

Group (G3) Key Setup

Name:

G3	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
SEL:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MUTE:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Handset/Microphone Setup

Input Type: None Handset Headset

Handset To Speaker:

Sum Sel/Unsel:

Panel PTT Default Microphone:

Keypad (DTMF) Setup

DTMF	Enable	Flywheel:	Digit On:	Digit OFF:	Phone Level:	Line Level:
Keypad:	<input checked="" type="checkbox"/>	<input type="text" value="500"/> ms	<input type="text" value="250"/> ms	<input type="text" value="250"/> ms	<input type="text" value="0"/> dB	<input type="text" value="-10"/> dBm
Sidetone:	<input type="checkbox"/>					<input type="text" value="-20"/> dBm

Tape Mix Setup

SEL UNSEL CRP SEL Tape With Volume

Submit

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Headset Radio Button

FIGURE 1. Global System Setup

NOTES:

Revision History		
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A	Update brand, format and new document number.	01-OCT-2009

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