

1.8.4 Audio Signals

The Control Head interface supports 3 audio signals from the radio: Speaker audio, Mic audio, and Handset audio. Speaker audio is a differential audio connection to the radios audio PA. It is connected in parallel with the MAP speaker terminals. Mic audio is a single ended low level audio input connected to the MMP port. The Handset audio is a single ended audio output from the radio connected to the MMP.

1.9 Mobile Accessory Port (MAP)

The Mobile Accessory Port (MAP) is a newly defined Motorola accessory port that contains audio, programmable digital I/O, serial interfaces, and accessory supply lines; and is similar in function to Motorola's legacy products accessory connectors.

Table 1-2 Mobile Accessory Port Functions

MAP Pin Number	MAP Pin Name	MAKO Pin
1	USB_D+	USB for programming or Smart Accessory
2	USB_D-	
3	V_Bus	
4	USB_Ground	
5	ACC_MAP_ID_2	Accessory Identifier
6	ACC_MAP_ID_1	
7	Ext_SWB+	Switched Battery Voltage
8	Power Ground	Ground
9	Ext_Spkr-	External Speaker
10	Ext_Spkr+	
11	Tx_Audio	Tx Audio Input
12	Audio Ground	Ground
13	Aux_Audio_Out_1	Auxiliary Audio Output
14	Rx_Audio	Rx Audio Output
15	Aux_Audio_Out_2	Auxiliary Audio Output
16	Ground	Ground
17	Prgm_In_1_(PTT)	Programmable Input with prescribed function of PTT
18	Ground	Ground
19	Prgm_IO_2 (Monitor)	Programmable Input/Output with prescribed function Monitor
20	Prgm_IO_6	Programmable Input/Output