Date: 5/18/12	Model : MD78X	Bulletin Number: MD78X-01

Issue: External Speaker Connection via DB26 accessory connector.

Resolution:

Installing an external speaker via the DB26 accessory connector

- Pin 9 and pin 18 connects to the speaker.
- A jumper between pin 6 and pin 13 will enable external audio and cancel internal audio.
- Both Speakers cannot be enabled at the same time.

Accessory Connector DB26

Supporting Documentations:

Accessory Connector Pin Out

Pin No.	Name	Function
1	Vbus USB	Power supply (+5V)
2	Ground	Ground
3	GP5_3	Digital input/output
4	SW B+ sense	Power supply
5	External Alarm	Analog voltage output
6	Power Ground	Power supply ground
7	Tx Audio	Analog input
8	RX Audio	Analog output
9	Spkr-	Analog output
10	D+ USB	USB data cable +
11	USB_GROUDN	Ground
12	GP5_2	Digital input/output
13	ACC_IO2	Digital input
14	Emerg Sw	Digital input
15	ACC_IO3	Digital input
16	PRGM_IN_PTT	Digital input
17	Audio Ground	Audio ground
18	Spkr+	Analog output
19	D- USB	USB data cable -
20	GP5_8	Input/output
21	Ground	Ground
22	GP5_7	Input/output
23	GP5_6	Digital input/output
24	AUX Audio Out 1	Analog output
25	AUX Audio Out 2	Analog output
26	Ign Sense	Analog voltage input

Final Product
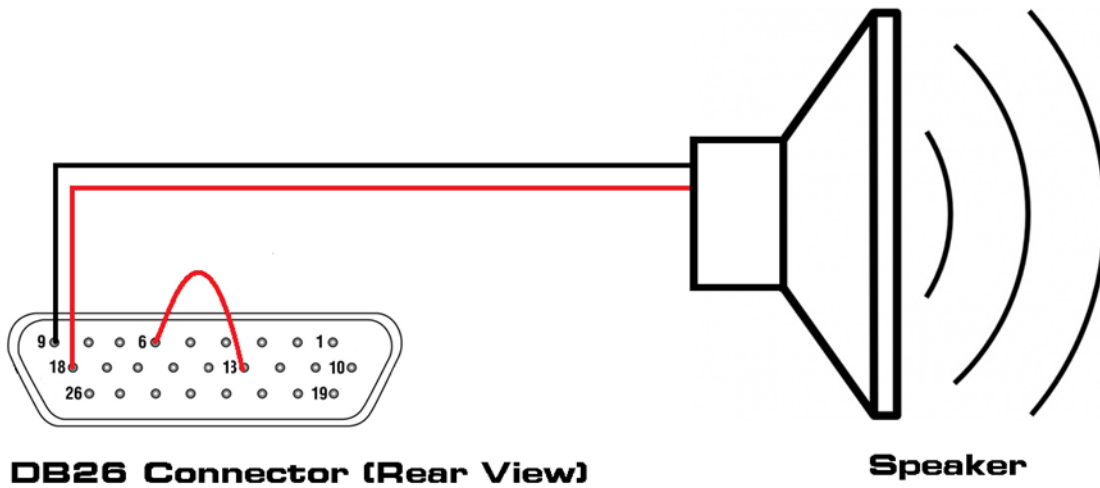

DB26 Connector (Rear View)   Speaker