

IS-1 Interoperability Switch / Cross-Band Repeater Maker

IS-2 Interoperability Switch / Cross-Band Repeater Maker

Midian's IS-1 and IS-2 are interoperability switches that allow two radio systems on different channels, protocols or bands to communicate with one another. For example a Motorola MotoTRBO system and a Kenwood NEXEDGE system can interoperate or a VHF radio system can interoperate with a UHF P25 radio system. This is ideal for interagency cooperation in emergency situations such as search & rescue, emergency relief, hostage situations, etc.

When the IS-1/IS-2 detects COR or VOX from radio system 1, the unit will give a PTT output to radio system 2 and pass the audio from radio 1 to radio 2. If the second radio system is trunked the IS-2 will wait for a channel acquisition from radio 2 before transmitting. During the channel acquisition delay the IS-2 buffers the audio, so that words are not lost.



Shown: IS-2

RM-1 Repeater Maker

Midian's RM-1 connects between 2 two-way radios to make them into a cost-effective repeater. This product is ideal for use as a permanent low cost repeater by public safety and amateur radio operators or for use as a temporary repeater for search and rescue operations. The RM-1 also incorporates a DTMF decoder to provide for authorized access and/or closure of the repeater if desired. Two RM-1 modules can be used to create a cross-band repeater.

- Includes Morse Code station identification (2 selectable messages)
- Programmable hang time and ID repeat time
- Programmable using Midian's KL-4 or the keypad
- Dimensions: 2.4" L x 1.9" W x 0.39" H



ID-1 Morse Code Station Identifier

The ID-1 is a programmable CW ID module and is ideal for use in Public Safety, amateur radio and commercial applications including repeaters and base stations.

- Includes Morse Code station identification (2 selectable messages)
- Programmable hang time
- Programmable ID repeat time and speed
- Programmable using Midian's KL-4 or Keypad Option D
- Dimensions: 1.38" L x 0.85" W x 0.34" H

