



## IS-1 Interoperability Switch / Repeater Maker

Midian Electronics' IS-1 is an interoperability switch or a cross-band repeater maker for allowing 2 radio systems on different channels or different bands to communicate with one another. For example a UHF radio system and an HF SSB radio 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 sees COR or VOX from radio system 1, the IS-1 will give a PTT output to radio system 2 and pass the audio from radio 1 to radio 2. The IS-1 can be powered by a 9 Volt battery for more than 40 hours, or can get the power from an external source such as one of the radios or from an optional wall power adaptor.

The IS-1 can be ordered with preconfigured cables for various radios for simple plug and play operation.

Available options include:

- **IS-1 Option A:** Preconfigured cables for simple installation
- **IS-1 Option B:** Optional wall adaptor (110-220 VAC)
- **IS-1 Option C:** Optional DTMF, 5-Tone, Pulse Tone or 2-Tone decoder for remote enable/disable



Shown: IS-1

**MIDIAN**  
MIDIAN ELECTRONICS

DiversifiedElectronicApplications.com  
888-837-7744 228-388-6299 fax 388-8395

dea14u@aol.com