

ICRI

incident commander radio interface

For use in mutual aid Operations and incident response, the ICRI can be used to connect a number of disparate communication networks within minutes of deployment.



KEY FEATURES

- Easy-to-Setup
- Easy-to-Operate
- Multiple Configurations Available
- Low Initial Cost
- Low Sustainment Cost
- Operates on a Wide Range of Voltage Sources
- Lightweight and Portable
- Rugged and Durable
- Seamlessly Connect Compatible Radios

COMPATIBILITY LIST INCLUDES:

- Harris 5800 with ALE
- Harris UNITY
- Thales LIBERTY
- Thales MBITR, PRC-148
- Thales TRC-9015, PR5G
- Codan with remote PTT Access
- Motorola XTS5000, XTL 1500, XTL 2500, XTL 5000, APX, GP300, GP330, SECTRA (encrypted cell phone)
- Iridium 9500
- GlobalStar
- Scope Shield



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OVERVIEW

The ICRI provides a reliable, lightweight, waterproof and rapidly deployable solution to radio and phone interoperability issues.

Field deployable in under five minutes, the ICRI will link responding agency networks, or enhance coverage of an agency's existing portable radios in areas of marginal, or complete loss of radio communications.

Designed for maximum ruggedness and flexibility, the ICRI meets all Mil-810 environmental specifications; is compatible with an H-250/350 handset and operates on voltage range from 7-24 VDC.

As with all ICRI models, the ICRI uses an agency's existing radios and is frequency and radio agnostic, permitting use as cross-band, cross-platform and cross-encryption repeater.

Radios and phones may be connected directly to the ICRI and is plug 'n play compatible with MBITR, PRR, PSC-5, SINCGARS, Motorola XTS5000 and XTVA, Scope Shield, STU phone, and all commercial radios and satellite phones.

TECHNICAL SPECIFICATION

| RX Audio Input | |
|-----------------------------|---|
| Input Level | -32 dBm to +12 dBm, no adjustment required |
| Frequency Response | 280 Hz to 3400 kHz \pm 2dB |
| TX Audio Output | |
| Output level | -40 to -18 dBm, adjustable |
| Frequency Response | 280 to 3400 Hz \pm 2dB |
| Audio Delay | Adjustable: 0 to 500ms |
| Cellular / Auxilliary Input | |
| Input Type | Unbalanced |
| Input range / VOX threshold | -50 to \pm 10dB, adjustable |
| Output Type | Unbalanced |
| Output Range | -40 to +3 dBm, adjustable |
| Input VOX | |
| VOX Hang Time | Adjustable 0.5 to 2 seconds |
| VOX Attack Time | Less 2ms, nominal, for typical speech |
| VOX Timeout Timer | Adjustable 30 to 90 seconds |
| VOX Threshold | Adjustable -32 to -6 dBm (RX) -50 to \pm 10 dBm, adjustable (AUX) |
| General / Environmental | |
| Indicators | Power LED ("OK" & "Low") 2 x Channel Active LEDs |
| Input Power | +6.5 to +20v DC @ 0.07A max 115 to 230v AC \pm 15%, 47-63 Hz, 3VA max (with 320.0431 Adapter) |
| Weight | 1.2KG (2.7lbs) |
| Size | 19.05 x 24.13 x 3.80 cm |
| Temperature | Operating: -20 to \pm 60°C Storage: -40 to +85°C |



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