

IAS Voting Receiver

Icom America Systems

RX UHF (450-470MHz)

RX VHF High (160-170 MHz)

RX VHF Low (150-160MHz)

ENHANCE PORTABLE AND MOBILE TALK-IN PERFORMANCE

Improves your wide-area repeater/base operation



UHF or VHF frequency ranges.

- Three-cavity pre-selector provides improved selectivity and increased intermod rejection
- Two standard Pilot tones available, 1950 or 2175
- 600 ohm line output. Pilot tone output adjustable from -20 to +9 dbm

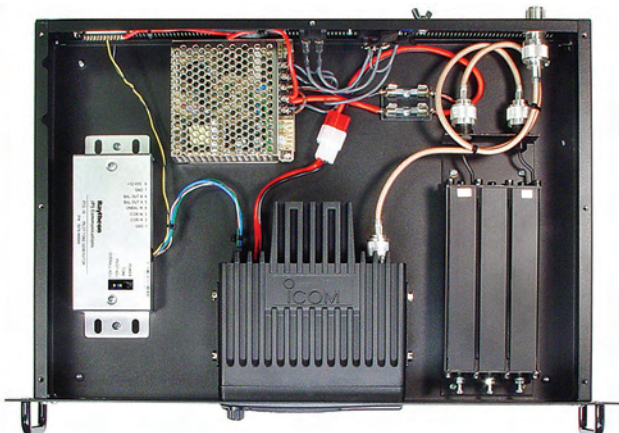
AC to DC Auto Select, 220/110/12V Capable

Power failure? Not a problem! The Voting receivers are configured to auto switch from AC to DC.

(Batteries not included)

Compact Size

Set the Voting receiver on a desktop, or mount it in a 19" industry standard rack



*Clean and simple layout is easy to access and maintain.
Receiver, pilot tone generator, and power supply, all in one chassis.*



*Plenty of ventilation holes for proper cooling.
Clean rear panel layout.*

Call Icom America Systems 425-586-6363

ADDITIONAL FEATURES

- Three-cavity band pass filter-improves selectivity and intermod performance
- Filter RF Specifications: 150-160, 160-170 VHF 450-470 UHF
- Output impedance 600 ohms balanced
- Audio frequency response 50 to 20kHz +/-2Hz
- Pilot tone frequency 1950Hz or 2175Hz, switch selectable
- Pilot tone stability +/-2Hz

RADIO SPECIFICATIONS

GENERAL

- Frequency coverage: IC-F121S 136-174MHz
IC-F221S 400-430MHz 440-490MHz
- Number of channels: Max. 8 channels (4 channels x 2 banks)
- Channel spacing: 12.5/25kHz (narrow/wide)
- Antenna connector: N type female Bulkhead (50Ω)
- Operating Voltages: 110 VAC – 220 VAC / 13.8 VDC
- Current drain (approx.): RX Max audio 1.2A Standby 0.3A
- Operating temp. range: -30°C to +60°C -22°F to +140°F
- Dimensions (WxHxD): 482.6 x 127 x 393.7mm 19" x 5" x 15.5"
- Weight: 6.6kg / 14.5 lbs
- Frequency stability: IC-F121S ±5.0 ppm
IC-F221S ±2.5 ppm

RECEIVER

- Receive system: Double-conversion superheterodyne system
- Intermediate freq.: 1st: 46.35MHz 2nd: 450kHz
- Sensitivity: 0.25 μV at 12dB SINAD
- Squelch sensitivity: 0.25 μV
- Adjacent channel selectivity (typical): 65/75dB (narrow/wide)
- Spurious response: 75dB
- Intermodulation (typ.): 74dB
- Hum and Noise (typ.): 40/45dB (narrow/wide)
- Audio output power: 4W typ. at 10% distortion with a 4Ω load
- 600 Ohm line level output adjustable from -30 +10 dBm

Icom America Systems can handle as much or as little as you need in developing a new system. Through a series of partnerships, combined with a top-notch engineering and service team, IAS offers the flexibility to best match your needs. We're here for you after the sale, too!

Icom America Systems

Systems for People Who Make Smart Choices

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