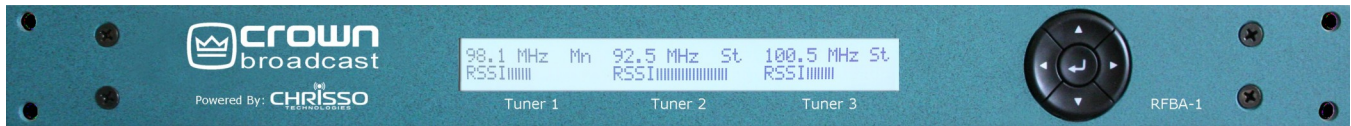


RFBA-1 Broadcast Appliance for Translators and EAS



- Standard DSP Based Triple Tuner (AM/FM/WR/SB)
- Composite Output
- Built-In Remote Control Via Internet
- Frequency Agile on all tuners
- RDS/Encoder Decoder
- Stereo Generator
- 5-Year Warranty
- 24/7 Service Support
- Optional Upgrade to Modulation Analyzer
- Available for Delivery Now

Best-in-class AM/FM/WR broadcast receiver specifically designed to fill multiple needs. The RFBA-1 comes standard with 3 receivers built into a 1-RU chassis. The RFBA-1 is configurable to accommodate any mix of FM and AM stations plus WR. The RFBA-1 is a simple-to-deploy, highly sensitive fully DSP-based monitor system that will provide best-in-class performance while maintaining a competitive price point. Fully frequency agile in all receivers via front panel display makes the RFBA-1 the perfect choice for all of your receiving needs for use as a translator receiver, EAS monitor, or on-air monitor.

Crown RFBA-1 and RFBA-1MA

Product Specifications

FM Specifications

Tuning Range	76 to 108MHz (50Hz steps)
Antenna Input	BNC 50 Ohm
Sensitivity.....	0.94 uV (30d Synad)
Frequency Response.....	50-15K (+/- .5dB)
Distortion.....	0.05% THD
Maximum S/N.....	70 dB
Line Output.....	3 dBm adjustable
Adjacent Channel Rejection...	82dB noise limited
Stereo Separation.....	>50dB
RDS.....	Encoder / Decoder
Carrier.....	Display Indicated
Modulation.....	Display Indicated
Power.....	Display Indicated

AM Specifications

Tuning Range.....	520 to 1710 kHz (10 or 9 kHz steps)
Antenna Input.....	BNC 50 Ohm
Sensitivity.....	8 uV (20dB SINAD)
Selectivity.....	75 dB
Distortion.....	0.10% THD
S/N @ 100% modulation.....	70 dB
Carrier.....	Display Indicated
Modulation.....	Display Indicated

Weather Radio Specifications

Tuning Range	162.4 to 162.55
Sensitivity.....	0.5uV (12dB SINAD)
Line Output.....	3 dBm adjustable

Public Service Specifications

Tuning Range.....	144 to 175 MHz (5KHz steps)
Sensitivity	1.0uV (12dB Synad)
Line Output.....	3 dBm adjustable

Physical Specifications

1 Rack Unit—19" (6.25" deep)
115 VAC to 9 VDC 1000 MA converter included

Optional Modulation Monitor

- Total deviation detection
- Positive deviation detection
- Negative deviation detection
- Stereo modulation analysis
 - Left Audio Amplitude
 - Right Audio Amplitude
 - L+R Audio Amplitude
 - L-R Amplitude
 - Pilot Amplitude
 - RDS Amplitude
 - SCA Amplitude
- Multi path analysis
- AM Noise
- AM Modulation percentage

Optional Features

- Demodulation of two separate NOAA weather radio stations per tuner.

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