

The Basic Module of Your Reliable Radio Network



EXR3300™

High Performance Base Station Radio Transceiver

The heart of a modern Long-Range Alarm Radio System is the Central Station, where all the messages are received and processed. The system must rely on high performance, reliable radio unit.

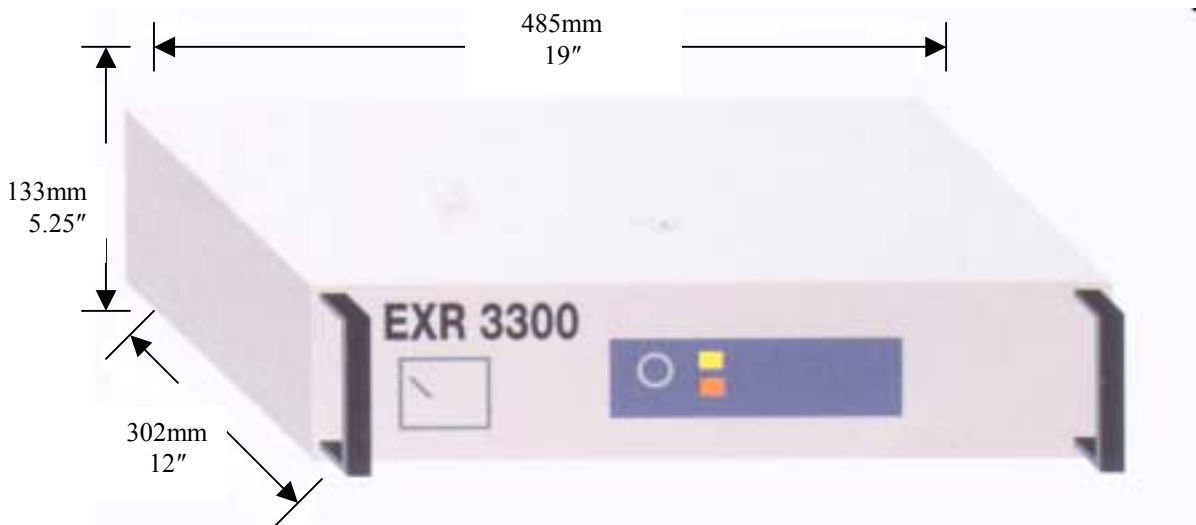
The EXR3300™ composed of an advanced synthesized radio transceiver, a switching power supply, a backup battery and a signal strength meter- all housed in an attractive, rugged 19" housing.

Important Features

- High Quality, High Selectivity Radio Transceiver.
- High Output Power- 10/25 and 40 Watt Programmable Output Models.
- Built –In Signal Strength Meter for Alarm Transmitters Installations and Maintenance Measurements.
- Internal Switching Power Supply and Backup Battery
- Programmable two Frequency Channels
- Option: Analog to Digital circuitry, gives automatic RS232 Output of Test Messages and incoming Messages Signal Strength.

The Radio Unit for Your Central Monitoring Station

EXR3300™



Description: The EXR3300™ External Radio Unit serves as high RF performance unit in the Central Monitoring Station (CMS). Together with the RCI3300™ and RCI4000™ Radio Communication Interface units, it forms the complete equipment array for the Central Monitoring Station. The EXR3300™ contains a 10/25 or 40 Watt programmable transceiver, with frequency and power programming capability. As a main radio unit, it includes also a signal strength meter, a switching power supply and a 7Ah backup battery.

Specifications:

Models:	EXR3300™ (VHF)	EXR3300UH™UHF	EXR3300LB™ (VHF-LB)
Frequency	136-174 MHz	403-504 MHz	
Modulation		FM	
Power Output		10/25/40 Watt	
Frequency Setting		Synthesized	
Operating Temperature		-30°C to +60°C (-23°F to 148°F)	
Deviation		2.2KHz for 12.5KHz Bands 3.3KHz for 25KHz Bands	
Operating AC Voltage		85-256 VAC, 45-65 Hz	
AC Current Consumption		0.4A/220VV, 0.8A/110V	
DC Current Consumption		0.5A max. Receive 8A max. Transmit	
Signal Strength Meter		0.2uV-4.0uV Analog meter, Digital conversion (optional)	
Backup Battery		Internal 12 VDC, 7 AH, Sealed Lead Acid Battery	
Backup Time		Approx. 20 hours with a fully charged internal battery, operating in a Transmit/Receive ratio of 1 to 20.	
Weight		10kg (22Lbs)	