



Portable FM Exciter 87.5-108 MHz range

AMPLIFIERS
TRANSMITTERS
ANTENNAS
ACCESSORIES



URP
PORTABLE

EXCITERS

URP Features

- 1 Instant front panel programmability in 100 KHz increments shift 50 KHz
- 2 Extremely compact size and light weight
- 3 12 V DC operation
- 4 Additional microphonic input built in mic-pre-amp/limiter for direct microphonic use
- 5 Relatively low power consumption
- 6 VSWR insensitive P.A.
- 7 Ideal portable unit for emergency back-up and solar or battery powered applications
- 8 Meets or exceeds all-FCC and CCIR requirements

URP Caratteristiche

- 1 Programmazione facile e diretta della frequenza, tramite Thumbweel-Switches Step 100 KHz con shift 50 KHz
- 2 Dimensioni e peso estremamente ridotti
- 3 Alimentazione 12 V DC
- 4 Ingresso microfonico con preamplificatore/limitatore
- 5 Consumo molto limitato
- 6 Stadio finale insensibile a qualsiasi livello di VSWR
- 7 Ideale come unità portatile e/o di emergenza
- 8 Specifiche conformi o superiori alle normative FCC e CCIR

URP Caractéristiques

- 1 Programmation facile et directe de la fréquence par Thumbweel-Switches step 100 KHz - shift 50 KHz
- 2 Dimensions et poids extrêmement réduits
- 3 Alimentation 12 V DC
- 4 Entrée micro avec préamplificateur/limiteur
- 5 Faible consommation
- 6 Étage de puissance insensible à n'importe quel niveau de VSWR
- 7 Idéal comme unité portative et/ou de secours
- 8 Specifications conformes (ou supérieures) aux normes FCC et CCIR



TECHNICAL SPECIFICATIONS **URP**

- Rated output power: 2,5/10 W switchable, $\pm 10\%$ dependent on and proportionate to supplied DC voltage (12-13.8 V allowable)
 - R.F. output connector/impedance: S0239 (PL) type connector 50 Ohm
 - Frequency range: 87.5 MHz to 108 MHz (other frequencies on request)
 - Frequency programmability: direct from front panel in 100 KHz increments- shift 50 KHz
 - Frequency stability: better than ± 500 Hz
 - Spurious & Harmonic suppression: meets or exceeds all FCC and CCIR requirements
 - Modulation capability: meets or exceeds all FCC and CCIR requirements (the following AM noise parameters are determined primarily by the DC power source used)
 - Asynchronous AM S/N ratio: 70 dB below reference carrier with 100% amplitude modulation at 400 Hz, without de-emphasis, no FM modulation present
 - Synchronous AM S/N ratio: 60 DB below reference carrier with 100% amplitude modulation at 400 Hz, without de-emphasis, FM modulation = ± 75 KHz at 400 Hz
 - Stereo separation: 40 dB or better
 - DC power requirements: 12-13.8 V, 2,2 A (approx) at 10 W or 1.7 A (approx) at 2,5 W
 - Size: 143 mm (5.7") W
71 mm (2.8") H
310 mm (12.4") D
 - Weight: 2 Kg (4.5 Lbs)
 - Ambient temperature range: -10°C to 50°C (32 F to 113 F)
 - Pre-emphasis: for FCC 75 microsec - for CCIR 50 microsec
 - Audio inputs: 2 total, 5 Kohm impedance, unbalanced or balanced 1 standard stereo male XLR which can be used either for composite/wideband operation or monaural operation (switchable): approx input level: 2 Vrms for 100 % modulation, 1 standard mono male XLR for direct microphone use with built-in micro pre-amp and limiter: approx input level: 25 mV rms for 100% modulation, total-deviation adjustable from front panel
 - S/N ratio: > 70 dB below ± 75 KHz deviation at 400 Hz measured in a 30 Hz to 100 KHz bandwidth with 75 microsec de-emphasis (rms)
 - Amplitude response: ± 0.5 dB or better, 30 Hz to 100 KHz
 - THD, IMD, TIM: 0,25% or better
- Option**
- "T" version with portable package including leather carrying-case, batteries and antenna magnetic mount



RVR Elettronica SpA Via del Fonditore 2/2c
Zona Ind.Roveri 40138 Bologna Italy
Phone +39 051 6010506
FAX +39 051 6011104
e-mail: info@rvr.it - Web: <http://www.rvr.it>

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These specifications are therefore subject to change without notice. Per esigenze tecnico-costruttive ci riserviamo il diritto di apportare varianti ai prodotti, senza preavviso.