

FM TRANSMIT CATALOG

Offering efficient transmission of the highest quality radio signals for broadcast networks

FM
TRANSMITTERS

Producto distribuido exclusivamente
en Venezuela por:



TELECOMUNICACIONES
CORDI C.A.



WorldCast
Systems
deliver > transmit > monitor

HELIOS FM 2000W

FULL DIGITAL TRANSMITTER



Main Features:

- High Efficiency: Up to 67%.
- Extremely Low Heat Dissipation
- Requires minimal Space and Maintenance
- ECRESO founded in 1956 - 55 years experience in the RF field
- Installed at thousands of sites over the world, even in the harshest conditions
- Designed for longevity, reliability, quality and consistency
- First Transmitters based on rugged 6th generation MOSFETs
- Full Digital Exciter "Direct to FM Frequency" for higher signal quality
- Full Remote Control
- Audio Backup
- FM limiter
- Digital Stereo Encoder

Specifications:

- Frequency range: 87.5 to 108 MHz in 10 kHz steps
- Frequency stability: < 10⁻⁶ per year
- Spurious and harmonic suppression: Meets or exceeds all ETSI requirements
- Intermodulation distortion: 0.02% typical
- FM S/N ratio: > 80 dB
- Typical AM noise: 65 dB RMS (Helios FM 20W/100W), 75 dB RMS (Helios FM >750W)
- Bandwidth: 0.05 dB
- Stereophonic separation: 65 dB
- Preemphasis: 0 µs, 50 µs or 75 µs
- Audio inputs: Analog and/or AES «XLR», Up to 192 kb/s @ 16, 24, 32 bits
- MPX/SCA inputs: 2 «BNC» type
- Marking: CE
- Standards: 1999/5/CE (R&TTE), ETS 302 018 (EMC), ETS 300 384 (Radio), NF EN 60215 (Safety)
- Max Power: 1000W

POWERFUL PERFORMANCE

Our digital exciter offers a crystal clear audio signal on reliable transmitters that are designed to last.



Digital FM Modulator "Direct to Channel"

Highest Signal Quality
Perfect Audio Fidelity
Several Built-in Broadcast Tools
Control of all Signal Parameters

Our **Powerful** FM Transmitters deliver:



POWERFUL PERFORMANCE

Our digital exciter offers a crystal clear audio signal on reliable transmitters that are designed to last.



POWERFUL CONTROL

We offer Expert Maintenance Reporting and an Advanced Metering Interface for remote maintenance, optimization, analysis & control.



POWERFUL SAVINGS

With the highest Efficiency on the market and many integrated capabilities, Ecreso helps your equipment and operations budgets to go further