

FM TRANSMIT CATALOG

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

FM
TRANSMITTERS

Producto distribuido exclusivamente
en Venezuela por:



FULL DIGITAL TRANSMITTER

HELIOS FM 20 / 100W

Available in 20W and 100W versions, the Helios FM 20W/100W can be used as a standalone transmitter to broadcast analog FM programs in a frequency range between 87.5 and 108 MHz. The unit is fully protected against overheating, VSWR and lightning.



Also available within the unit are several innovative features such as full RDS encoding and automated audio backup. The front panel with LCD screen can be used for local configuration while remote control can be performed by Web server, SNMP, RS232 or GPIOs.



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 >350W)
- Bandwidth: 0.05 dB
- Stereophonic separation: 65 db
- MPX/SCA inputs: 2 «BNC» type
- Marking: CE
- Standards: 1999/5/CE (R&TTE), ETS 302 018 (EMC), ETS 300 384 NF EN 60215 (Safety)
- Max Power: 750W
- Efficiency: Up to 67%
- RF Out: 7/16
- Size: 3U
- Depth: 432mm
- Weight: 12.5kg

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