



MAMA RADIO

RFE TURNKEY SYSTEM FOR COMMUNITY RADIOS



- Delivering FM radio to **remote and rural areas**.
- Specifically designed to serve **community radio stations**.
- Possibility to use **AC power** or **Solar Panels**.
- Power from **30W** to **100W**.



PERFORMANCE

Up to 30 km coverage
Power output up to 100W
On-air studio included



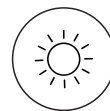
CONTROL

Flexible management
Controlled via web platform



SAVING

Powered by renewable energy
Easy to install



Solar Power

...or...

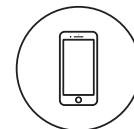


AC Power



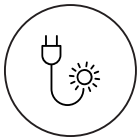
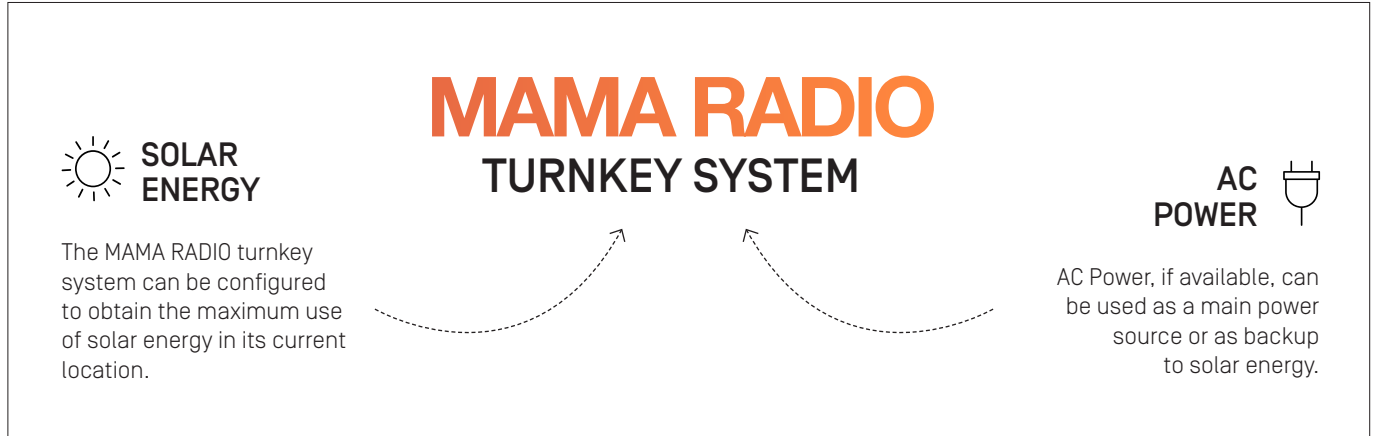
100W FM Transmitter

Web-controlled





You can choose your Energy Source!



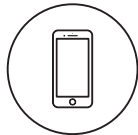
Double Energy Sources

Power your system alternatively with AC Power or Solar Power.



ON-AIR Studio

Add a basic on-air studio to complete your Turnkey System and be ready to Broadcast!



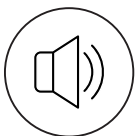
Centralized Mobile Control

Control the equipment locally via a dedicated Android & iOS mobile App.



Turnkey Solution

Customize your own MAMA RADIO or ask RFE to provide you the best solution according to your needs.



Full Audio Interface

Low power, but with the same audio quality of RFE standard transmitters.

Discover MAMA RADIO Turnkey System.

Mama Radio is a unique solution designed to meet the specific needs of community and rural radio stations, located in remote areas where AC power sometimes is unavailable.

More than this, MAMA RADIO features a basic FM transmitter but equipped to meet RFE's high quality, specifically designed to have the best value for money. It can be fully customized according to customer's needs.





Technical Specifications

FM TRANSMITTER

Frequency range: 87.5 - 108MHz

Power range: 30W, 50W, 100W

Preemphasis: Flat/50/75µs selectable from front panel

Mono or Stereo mode

Provided with N connector

ENVIRONMENTAL SPECIFICATION

Operating temperature: -10°C to +50°C

Max Operating Altitude: 4500 mt

Relative Humidity Range: 0 to 90%

Marking: CE, RoHS, FCC and IC Canada compliant

WARRANTY

2 years as standard

AUDIO

Analog input Stereo & L+R

Digital input AES/EBU

SOLAR PANEL & BATTERY

Solar panels

1 NiMH battery

1 Battery Management System

COMMUNICATION

LAN connector [RJ45 type on back panel]

Internet compatible

Remote Control through mobile APP

Other information

- Possibility to add a Turnkey ON-Air Studio.
- Coverage study available.
- Customized solutions available.

