

Media in Cooperation  
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## Pocket FM – On Air Everywhere

[www.pocket-fm.com](http://www.pocket-fm.com)



**Pocket FM** is an innovative, portable, lightweight FM radio transmitter especially designed for scenarios with unreliable infrastructure, like crisis regions, refugee camps, rural areas, or natural disasters.

Pocket FM has been developed by Berlin based NGO MiCT and is in prototype testing in Syria, Iraq and Sierra Leone since early of 2015.

Pocket FM features a 25W FM transmitter which can, with the included antenna system properly installed, reach out in a radius up to 8km.

The device measures ca. 20x20x13 cm, is made from black anodized aluminium, and the casing is a fanless, passive cooling design, which protects the box from dust and moisture.

The control interface is kept as simple as possible, so even with very little experience in using electronic devices, you will be able to get on air within minutes.

Pocket FM is powered with 10 up to 15V, so it can be used with the included power adapter as well as with a car battery or in connection with a solar system.

Furthermore, Pocket FM includes a satellite receiver, a Wi-Fi module, a GSM/3G module and a position tracker. Using radio over satellite as audio source is the easiest and most reliable way to provide live audio feed to Pocket FM, especially in remote areas without infrastructure, as no internet connection is required. Of course, the device can also be audio fed through standard RCA analog-in.

GSM can be used to remote control basic functions of the device via SMS commands. If Pocket FM is installed in a place with sufficient 3G network coverage, the device can also be remotely controlled via any smart phone. Same goes for the included Wi-Fi module, it can either be used as an access point to locally access the device via a browser interface for advanced settings. The Wi-Fi module can also be used in client mode to connect to the internet (if installed within the reach of a given Wi-Fi access point).

#### **Basic specifications**

- Weight ca. 3,4kg
- Measurements ca. 20x20x13 cm
- 25W FM transmitter
- Power supply DC 10-15V, ca. 8A
- GPS
- DVB-S tuner
- GSM/3G
- Wi-Fi
- Stereo RCA analog-in
- can be remotely controlled via SMS commands or browser interface

#### **Price**

3.000.- Euro net (taxes, fees, transportation not included)

#### **Package includes**

Pocket FM 3rd generation, 15V/9.6A AC/DC power converter, FM broadband antenna, antenna mount, 10m antenna cable, audio cables.

Additional Services and Products available.

### Training

Our Team has a long experience in the training of radio professionals in various countries such as Iraq, Syria, South Sudan, Tanzania and Sierra Leone

### Production

MiCT has produced radio programs on topics such as Ebola and polio, prevention, women rights, reconciliation, agriculture and many more.

### Satellite, Software and Hardware

MiCT has partner agreements with Satellite Companies (Eutelsat, Hotbird), Software Firms (Sourcefabric/Airtime) and suppliers of Satellite Dishes, Antennas and Solar Systems.

### About us

MiCT is a German Non-Profit Organization based in Berlin with offices in Tunisia and in Iraq. Our work focusses on capacity building of media professionals in crisis and developing countries, media research, production of print publications and programs for TV and radio and the development of innovative hardware for media production such as Pocket FM.

### Contact

MiCT

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