

# DVMEGA

## The Swiss army knife for Digital Voice

# DVMEGA Cast

DVMEGA Cast is a AMBE3000 based Multimode IP radio for DMR, D-Star and Fusion. The DVMEGA Cast is compatible with Ham radio networks like BrandMeister, DMR+, YSF, FSC, REF, XRF, XLX, DSC etc.

Radio has a powerfull 3 Watt enclosed speaker and according amplifier. Rotary encoder and 2.4" touchscreen for operation.

Quick menu is accessible via mic buttons. Host system is based on Nano-PI with PI-Star pre-installed.

This project has been realized through a joint development of Ruud Kerstens (PE1MSZ) and Guus van Dooren (PE1PLM).



Technical data :

- Cabled (RJ45) or Wifi to internet connected.
- No RF connection or repeater needed!
- Webinterface based configuration option.
- 2.4" touch screen for setup and control.
- Support Yaesu MH-48 with keypad for control.
- Rotary encoder for volume and multi-functionality.
- Embedded high-end CPU on dedicated mainboard.
- Support D-Star, DMR, and C4FM mode.
- Integrated Original DVSI AMBE3000.
- Easy to use web-based upgrade utility.
- Support a DVMEGA-pi radio for Hotspot functionallity.
- Supports an internal DVStick30 for AMBE-server.
- low powerconsumption 12VDC (2.1 mm Barrel Connector).
- Colorfull speaker indicator for status.
- 3.5mm external speaker connection.
- High performance 3 watt speaker
- Extra USB-connections available for future use.
- Solid full-metal powder coated housing
- Lifetime free Software updates.

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