



## **RM HLA305V - Professional Wideband HF 1.8-30MHz (250W) Amplifier (with LCD)**

**£799.96**

### **DESCRIPTION**

The RM 305V is a wideband compact amplifier designed for the HF band, operating in the 1.8-30 MHz frequency range. It boasts a nominal output power of 250W at full power, making it suitable for low-power handhelds and FT-817ND radios. The amplifier features a 6-band filter and an LCD for monitoring the amplifier status. It allows input drive ranging from 1W to 10W, ensuring efficient performance. Equipped with forced multispeed ventilation, the RM 305V ensures optimal cooling during operation. Its frequency coverage spans from 1.8 to 26 MHz and 28 to 30 MHz, supporting various modes, including AM, FM, SSB, CW, and RTTY. The RF drive ranges from 1W to 10W (15W max) for AM/CW modes, with an output power of 250W max for AM/FM/CW/average power and 400W PEP for SSB. The amplifier operates with a gain of  $13.5 \pm 1\text{db}$  P1db and requires a power voltage of  $13\text{ Vcc} \pm 2\text{V}$ . Regarding design, the RM 305V features a Class AB push-pull circuit with a final MRF 455 x 4 transistor configuration. It has 240 x 70 x 450 mm dimensions and weighs 4 Kg, making it compact and portable. It is essential to note that exceeding the input power can void the manufacturer's warranty, as over-driven amplifiers will not be repaired under warranty due to the associated costs. Users are advised to contact the manufacturer directly for further details or clarification.