



RA-17RB is the new generation of WAVENET Radar Altimeter. A new software and manufacturing process make it have much better performance and new features.

- RA-17RB is a radar altimeter specially designed to use in aerobatic aircrafts.
- RA-17RB consists in a main unit having all RF processes inside and two antennas (Tx and Rx).
- Its design has taken into consideration especially the design antennas, getting their radiation lobe adapted perfectly to the figures of the “unlimited” series.
- Another feature to note is the speed achieved with the measurement algorithm specially designed for this equipment.
- RA-17RB works on ISM frequency band of 2.4 GHz, so special permits are not needed and can be used worldwide.

RA-17RB

RADAR ALTIMETER FOR AEROBATICS

RA-17RB NEW FEATURES

- New 4 patch antennas.
- Better performance at low altitudes.
- Better performance in going out and in range.
- Capability for on/off during fly.

MAIN FEATURES:

Frequency:	2,4000 @ 2,4835 GHz
Radiation lobe:	±90° (roll) ±90° (pitch)
Minimum measurable distance:	0 ft
Maximum measurable distance:	500 ft
Bandwidth:	83,5 MHz
Measurement update:	112 Hz
Interface:	UAV Nav / Serial port
Power input:	12VDC/500mA

SPECIFICATIONS:

Tested acceleration:	±14G
Antennas	Randomized
Connectors	SMA or SubD
Environmental conditions:	-20°C @ +65°C
Dimensions:	130x72x42 mm
Weight:	400 gr
Fastening with 4 screws	M4

VOICE COMMAND AVAILABLE

Specifications subject changes without notice.