



## UHF TRANSMITTER TX-UHF850-MB



Applications : drones, aircrafts, tanks ...

## REMOTE CONTROL or TELEMETRY TRANSMITTER

- Frequency range: 840 to 860 MHz.  
by 10 MHz sub-bands.
- Output power: 100 mW.
- VSWR < 1.5.
- Synthesized.
- Programming increments: 12.5 kHz step.
- Frequency accuracy:  $\pm 4$  ppm at 25 °C.
- Frequency stability:  $\pm 5$  ppm from -10°C to +70°C.
- Modulation: FSK FM.
- Data rate:  $\leq 38.4$  kbits/s.
- Data Input: RS232 or RS485 ( factory setting ).
- Deviation sensitivity:  $\pm 5$  MHz/V p-p.
- Deviation drive: positive.

## POWER REQUIREMENT

- 12 V DC ( 11 V min to 16 V max ).
- < 250 mA at 100 mW.
- Reverse polarity protection.

## ENVIRONMENTAL CONDITIONS

- Operating temperature range : -30 to +70° C.
- Vibration: 10 Hz to 400 Hz, 10 g-c.  
Random 0.4 g<sup>2</sup>/Hz from 10 to 400 Hz.
- Shock:  $\frac{1}{2}$  sinus 6 ms, 80 g.
- Acceleration: 80 g.
- Watertight: IP54.

## DIMENSIONS

- 169.5x 109.5 x 30 ( mm ).
- Weight : < 500 g.
- RF output connector : SMA.
- Power and input connector : Type « D ».

## OPTIONS

- Other frequencies sub-bands.
- Other Output power.
- Other modulations ( on request ).
- Selective address setting ( consult us ).
- FEC ( consult us ).

*\*Specifications subject to change without notice*

Distributed by:  
AA SYSTEL France  
9, rue RAVEL, 91620 NOZAY / France  
TEL: + 33 1 6963 8630  
FAX: + 33 1 6963 8474  
E-mail: wang.huiqin@a-a.fr  
Beijing mobile: +86 138 010 11504