



GPS - IRIG B TIME CODE GENERATOR

FEATURES

- Twelve channel GPS receiver
- Fast tracking
- IRIG B Time code generator
- Wide supply voltage 12V to 36 V DC
- Small and robust package
- Leds indicators
- Easy to use



DESCRIPTION

The **AIRG** is a hand-held unit which provides an **IRIG B** time code output derived from **GPS**.

It includes a twelve channel **GPS** receiver which automatically acquires all in-view satellites upon power up and locks an internal **IRIG B** time code generator to the **GPS** time reference.

If the GPS lock is lost the **AIRG** will automatically switch to an internal clock.

The **AIRG** is housed in a robust aluminium enclosure.

All controls, leds and plugs are on the top with the handle.

SPECIFICATIONS

(t = 25°C)

TYPE	TIME CODE GENERATOR
GPS PERFORMANCE	
- Channels	12 Parallel channels, tracks all satellites in view
- Time-to-first-fix	cold start ≤ 300 seconds warm start ≤ 20 seconds
- Sensibility	- 134 dB
- Antenna	Externe active
- Frequency	1574,42 +/- 1MHz
- Impedance	50.0 Ω
INTERNAL OSCILLATOR	
- Fc	12 MHz
- Accuracy	0.1s on 24h when not locked
OUTPUT IRIG B	
- Carrier Frequency	1 KHz
- Level	2.2 Vcc à +/- 10%
- Isolation	by transformer
- Standard	AFNOR NFS 87-500 STANDARD IRIG B
SUPPLY	
- Level	12V to 36 V DC
- Power	0.3 A / 12V
LEDs	
- Supply	1 green fix
- Satellites	1 green fix ≥ 3 satellites : green Flip Flop
- IRIG B	1 green activity
PACKAGE	
- Case	Hand held configuration Aluminium enclosure
- Dimensions (mm)	H=231 W=143 D=56
- Weight	1.750 Kg
ENVIRONMENT	
- Operating temperature	-10 to +60°C
- Storage temperature	-20 to +70°C
- Relative Humidity	95 % (without condensation)
EUROPEAN NORMS	
	EMC - EN 61326 - EN 55011 Class A CE Compliance ROHS - 2002/95/EC

HOW TO ORDER?

AIRG

INCLUDE PACK:

- 1 x AIRG Generator
- 1 x Magnetic Active Antenna

ACCESSORIES

- Cable

WF 414/300