

LORNET-STAR 24s



TECHNICAL PARAMETERS

TRANSMITTER

Bandwidth	2395 - 2405 MHz
Two types of radiated signal:	
"Pulse" - Pulse modulation of the carrier frequency with a duty cycle	44
"CW" - Continuous carrier frequency radiation:	
Maximum peak power of radiation in pulse mode (Pulse)	10 W
Maximum average radiation power in pulse mode (Pulse)	230 mW
Maximum continuous radiation power (CW)	300 mW
The range of manual power adjustment	20 dB
Width of the direction diagram	90 degree

RECEIVER

Frequency rate	
Second harmonic	4790 - 4810 MHz
Third harmonic	7185 - 7215 MHz
Receiver sensitivity is not worse	-110 dBm
Dynamic range of the receiving tract (including the attenuator)	24 (10) dB
The amount of frequency channels when automatically selecting the receiving channel	11

BATTERY

Li-ion battery	
Voltage	12 V
Capacity	7.8 Ah
Continuous operation time at maximum power not less than	3 h
In Pulse mode	1.5 h
In CW mode	

SIZE AND WEIGHT

The device size	
In working condition, without telescopic rod	50x17x5.5 cm
In fold condition, without telescopic rod	29x17x6.5 cm
Telescopic rod size in fold condition	43x4x4 cm
Size of the telescopic rod in the extended state	99x4x4 cm
Weight in working condition, without telescopic rod	800 g
Telescopic rod weight	0.4 kg
The size of the bag	50x26x12 cm
Weight in transport package	2.6 kg
Export package dimensions	44x38x16 cm
Weight in export package	4.5 kg

OPERATING TERMS

Operating temperature range	from +5 to +40°C
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EQUIPMENT KIT

Replaceable transmitter head 2400MHz with spectrum analyser (RTH) (1pc.)
Control handle with a built-in container for a battery (1pc.)
Removable telescopic arm (1pc.)
Changeable Li-Ion batteries (12V) (2pcs.)
Container for charging accumulator batteries (1pc.)
Battery charger (1pc.)
Headphones (1pc.)
User manual and guarantee certificate (1pc.)
Package bag (1pc.)