

Transmitter Group: Nova-XL Series

Housing:

Impact resistant polymer composite

Weight:

1.9 kg (4.1 lbs) typical depending on configuration

Dimensions:

Height: 165 mm (6.5 in)
Width: 312 mm (12.3 in)
Depth: 170 mm (6.7 in)

Environmental Protection:

IP 65 (Exceeds Nema 12/13)

Power Supply:

3.6 V NiMH rechargeable battery pack or battery adaptor with three 1.5 V AA batteries

Operation Time:

Varies depending on battery type and output power

Diagnostics:

Status LED for operation and standard/advanced low battery detection

Typical Control Configuration Options:

- Single and dual axis joysticks
- Single axis paddle levers
- Any combination of key switches, toggle switches, push buttons, rotary switches and stop switch
- Customized switches available upon request
- Half and full duplex feedback
- Cable back-up

Frequency:

419, 429, 434, 447, 458, 480, 868, 1216 MHz

RF Unit:

Type CS synthesized with multiple frequencies

Antenna:

Internal typical, external via TNC connector available

Power (RF Output):

< 10 mW typical, can be customized to suit application

Typical Operating Range:

Varies depending on antenna and RF output, approximately 100 m (300 ft) typical for internal antenna and 10 mW RF output

Baud Rate:

Up to 9600 bps depending on application

Safety:

20-bit programmable address concept with up to 1 million combinations
Active and passive Stop function
Parity & Checksum

Temperature Range:

-25° C . . . +70° C (-13° F . . . +158° F)

Humidity Range:

0 - 97% maximum non-condensing

Response Time:

Less than 100 msec



Nova-XL Paddle Lever



Nova-XL Joystick