



N6081 Series, Control Unit

The N6081 Series controllers are compact and user-friendly units providing remote control for the Stellar Outdoor Unit amplifier.

FEATURES

- User-friendly – Easy to use controls with clear, high visibility displays.
- Small, light and very compact unit.
- Internally powered from the amplifier.
- Dual power reading (dBW/watts).
- Ready to use out of the box (see note 1).

MECHANICAL SPECIFICATION

Weight 0.5kg

Dimensions:

Height 44mm

Depth..... 50mm

Width 483mm

Cooling Natural

CONTROLS

- Front panel control keys:
- Off mode select (OFF)
- Standby mode select (STBY)
- Transmit mode select (XMIT)
- Function select switch
- Gain control (see note 2)
- Rotary shaft encoder for gain control (N6081 only)

DOCUMENTATION

An operation manual is supplied with each unit.

ENVIRONMENTAL

For operation outside these parameters, contact Stellar Satcom for guidance.

Operating temperature 0 to +50°C

Storage temperature -40 to +78°C

Vibration MIL-STD-810E

Common carrier and field transportation

Shock..... IEC publication 68-2-27 Part 2 Test Ea 25g

Electromagnetic compatibility..... EMC directive 89/336/EEC ETS 300 327

Safety.....Low voltage directive 73/23/EEC BS EN 60950

CONNECTOR

Amplifier interface15-pin D-type socket

FRONT PANEL DISPLAY

- Backlit LCD display showing:
- Forward power (watts)
- Forward power (dBW)
- Helix current (mA)

OPTIONS

N6081D allows remote control of a digital electronically variable attenuator (DEVA) when used in conjunction with an appropriate amplifier.

NOTES

1. Interconnecting cables are not provided as standard.
2. Gain control function is only applicable if specified as an option when purchasing amplifiers.