

PCU-4-xx

Portable Control Unit

Portable control system that enables field adjustment of AISG devices such as Remote Electrical Tilt (RET) antennas or AISG TMAs.



Ordering Information	
Country Code (xx) Description	
PCU-4-EU	European style AC power cord ("Schuko" CEE 7/7)
PCU-4-UK	United Kingdom style AC power cord (BS-1363)
Specifications	
Includes:	Portable Control Unit (PCU), USB data cable, 24V power supply
Communications Protocol	AISG v1.1 or AISG 2.0 / 3GPP
System Requirements	WINDOWS XP / VISTA
	USB 1.1 or 2.0
	800x480 minimum screen resolution
RS485 A/B Pin Configuration	Software controlled switch to support legacy AISG hardware
Input Data Connector	USB series B receptacle
External Power Supply - Input	90-246 VAC, 47-63 Hz
External Power Supply - Output	24 VDC, 1.75 A
Output Data Connector	8-Pin circular female connector per IEC 60130-9
DC Output from PCU	+24V (Pin 6 - Always on) +12V (Pin 1 - Software controlled)
Maximum Number of RETs / TMAs	24 x RET, 24 x TMA
Maximum Control Cable Length*	230m (755 ft) - 24 RETs, +24V
	350m (1148 ft) - 12 RETs, +24V
Weight of PCU	520 g (1.2 lbs) including external power adapter
Dimensions	49x35x132 mm (1.9x1.4x5.2 in) excluding external power adapter
Operating Temperature	0°C to +40°C (+32°F to +104°F)

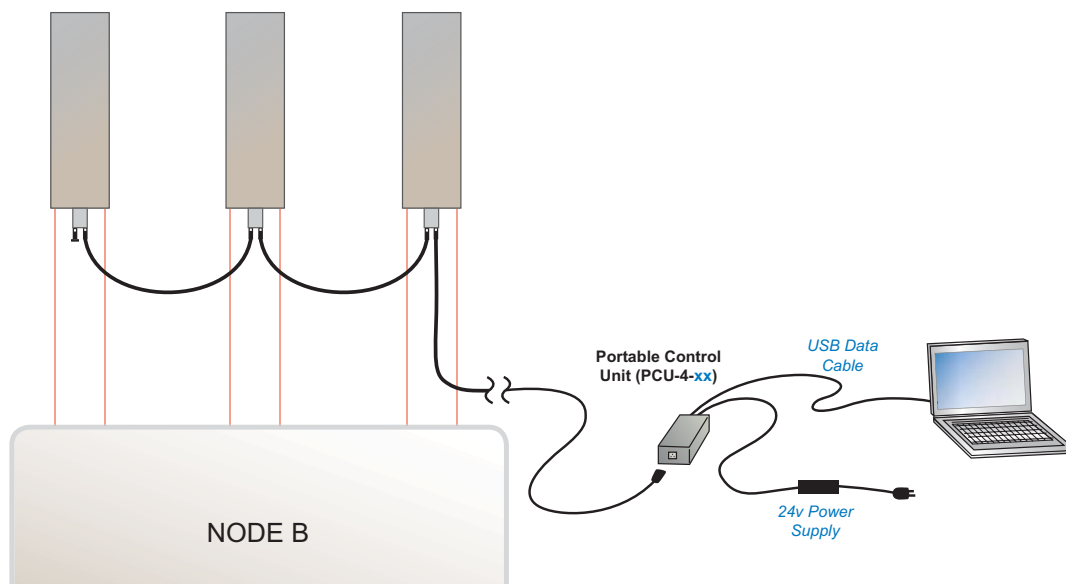
Software Download

The Antenna Line Device Control application software and user manual can be downloaded from the **Technical Library** section of Amphenol's web site at - www.amphenol-antennas.com.



*Verified using RETU-EA101 RET units and Amphenol Antenna Solutions control cables. Results may vary with other manufacturers' equipment due to differing RET current consumption and control cable resistance.

SYSTEM CONFIGURATION



Quoted performance parameters are provided to offer typical or range values only and may vary as a result of normal manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to product may be made without notice.