

Portable Control Adapter (PCA) For Remote Control Unit (RCU) For Tower Mounted Amplifier (TMA)



Portable Control Adapter

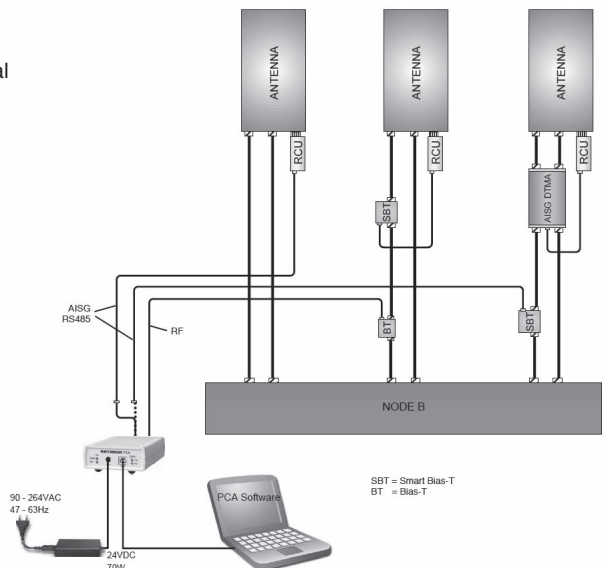
Type No.	86010046
Connector * to RCU/TMA	1 x 8-pin connector according to IEC 60130-9, female, conforming to AISG RF-connector (SMB male)
Input voltage of PCA	24 V DC
Output voltage to RCU's/ TMA's	AISG female pin 6 (24 V DC): 24 V DC \pm 10% AISG female pin 1 (12 V DC): 14 V DC \pm 7% RF male (at 24 V DC): 24 V DC \pm 10% *** RF male (at 12 V DC): 14 V DC \pm 7% ***
Output power (power supply to RCU's/ TMA's)	AISG female pin 6 (24 V DC) without load on pin 1 (12 V DC) and on RF-plug: \leq 60 W AISG female Pin 1 (12 V DC) with max. 30 W load on pin 6 (24 V DC) and/or on RF plug: \leq 30 W
Current monitoring measurement level	Per branch (12 V, 24 V, RF): 10 – 2500 mA
Over-current protection	Per branch (12 V, 24 V, RF): < 2500 mA
Interface to RCU/TMA	RS 485 / power supply / RF connector (SMB male)
Protocol to RCU/TMA	HDLC hex-coded command set, conforming to AISG 1.1 and 3GPP / AISG 2.0
Interface to PC	USB 1.1/2.0
Max. number of RCU's/TMA's	27/3 pcs., depending on system configuration and length of control cable
Max. length of control cable	200 m / 9 RCU's (in daisy chain configuration) 150 m / 6 RCU's (in splitter configuration)
Weight	535 g (incl. external power adapter)
Temperature range	0 ... +55 °C ambient temperature
Height x width x depth	40 mm x 95 mm x 160 mm
External power supply **	Input: 90 – 264 V AC, 47 – 63 Hz 24 V DC / 3.0 A

- * Tightening torque for fixing the connector must be 0.5 – 1.0 Nm ('hand-tightened').
The connector should be tightened by hand only!
- ** If powered via AISG-interface, no external power supply is required.
- *** Switchable with software

- Certificate: CE
FCC part 15 class B
UL (for external power adapter)
- Standards: EN 60950-1
EN 55022
EN 55024
- System requirements for PCA Software: Windows 2000; Windows XP, Vista, Win7 (32 bit version)
- Scope of supply: PCA
External power supply (24 V DC / 70 W)
USB cable
AC power cable
CD-ROM with PCA software, drivers and manual
Installation guide



936.2733/f Subject to alteration.



All specifications are subject to change without notice.
The latest specifications are available at www.kathreinusa.com