

Professional Microphone Accessories



CP8506/AT8801 48V PHANTOM POWER SUPPLIES



Description

The Audio-Technica CP8506 provides 48V phantom power for up to four microphones, while the AT8801 provides 48V phantom power for a single microphone. They allow the use of remote-powered microphones, such as those in the Audio-Technica 40 Series, UniPoint®, Special Purpose, Pro and Artist Series, with systems that do not supply phantom power. They are line-powered devices. The CP8506 includes an attached 6' grounded line cord and a power switch with an associated LED indicator.* The AT8801 includes a plug-in power module that attaches to the electronics module with a 6' cable.

Each unit features a highly-regulated power supply which provides a constant voltage source, even with a heavily-loaded input. The regulator IC is internally protected to prevent overheating or damage even if shorted. The rugged steel case is finished in enamel and provides shielding from electrostatic interference.

The CP8506 and AT8801 will adequately supply phantom power to the microphones connected to them via XLR-type connectors; additional phantom power (from a mixer or other source) is unnecessary, and is not recommended. For optimum phantom powering, an uninterrupted line must exist between the phantom supply and the microphone; no filters or transformers should be present.

Specifications	CP8506	AT8801
Number of Channels	4	1
Regulated Output Voltage	48V±2V DC	48V±2V DC
Short Circuit Output Current	14 mA per channel	14 mA
Residual Output Noise	-71 dBV	-71 dBV
Frequency Response	10-25,000 Hz	10-25,000 Hz
AC Input	100-120V AC or 220-240V AC* 50-60 Hz, 6 W max.	AT8801: 120V AC, 60 Hz, 2 W max. AT8801/EU: 230V AC, 50 Hz, 2 W max.
Line Cord (100-120V AC)	6' long, 18 gauge, 3-conductor SVT Plastic jacket, grounded plug	—
External Power Supply	—	AT8801: UL and CSA-approved AC power module with 6' (1.8 m) cable. AT8801/EU: CE and TUV-approved AC power module with 6' (1.8 m) cable. Input: Two 4 mm dia. pins, 19 mm apart (CEE 7/16 "Europlug")
Dimensions	7.75" (196.9 mm) W x 4.50" (114.3 mm) D x 1.75" (44.5 mm) H	5.12" (130.0 mm) W x 2.36" (60.0 mm) D x 1.73" (44.0 mm) H typical

* The CP8506 includes a dual-winding power transformer. Internal re-wiring, plus changing of the line cord, permits operation on 220-240V mains. Contact the A.T.U.S. Service Department for conversion details.

One-Year Limited Warranty

Audio-Technica and ATUS brand products purchased in the U.S.A. are warranted for one year from date of purchase by Audio-Technica U.S., Inc. (A.T.U.S.) to be free of defects in materials and workmanship. In event of such defect, product will be repaired promptly without charge or, at our option, replaced with a new product of equal or superior value if delivered to A.T.U.S. or an Authorized Service Center, prepaid, together with the sales slip or other proof of purchase date. **Prior approval from A.T.U.S. is required for return.** This warranty excludes defects due to normal wear, abuse, shipping damage, or failure to use product in accordance with instructions. This warranty is void in the event of unauthorized repair or modification.

For return approval and shipping information, contact the Service Department, Audio-Technica U.S., Inc., 1221 Commerce Drive, Stow, Ohio 44224.

Except to the extent precluded by applicable state law, **A.T.U.S. will have no liability for any consequential, incidental, or special damages; any warranty of merchantability or fitness for particular purpose expires when this warranty expires.**

This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

Outside the U.S.A., please contact your local dealer for warranty details.



Audio-Technica U.S., Inc., 1221 Commerce Drive, Stow, Ohio 44224

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