

# 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 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
<b>Number of Channels</b>	4	1
<b>Regulated Output Voltage</b>	48V±2V DC	48V±2V DC
<b>Short Circuit Output Current</b>	14 mA per channel	14 mA
<b>Residual Output Noise</b>	-71 dBV	-71 dBV
<b>Frequency Response</b>	10-25,000 Hz	10-25,000 Hz
<b>AC Input</b>	100-120V AC 50-60 Hz, 6 W max.	<b>AT8801:</b> 100-120V AC, 50-60 Hz, 2 W max. <b>AT8801/EU:</b> 230V AC, 50 Hz, 2 W max. <b>AT8801/UK:</b> 240V AC, 50 Hz, 2 W max.
<b>Line Cord</b>	6' long, 18 guage 3-conductor SVT Plastic jacket, grounded plug	—
<b>External Power Supply</b>	—	<b>AT8801:</b> UL and CSA-approved AC power module with 6' (1.8 m) cable. <b>AT8801/EU:</b> 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") <b>AT8801/UK:</b> CE and TUV-approved AC power module with 6' (1.8 m) cable. Input: Three-pin BS 1363 connector for UK/Ireland
<b>Dimensions</b>	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

### One-Year Limited Warranty

Audio-Technica microphones and accessories 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

Audio-Technica Limited, Old Lane, Leeds LS11 8AG England

P50996-01 © 2004 Audio-Technica U.S., Inc. Printed in U.S.A.