



# ATLK-EXT165 Link Extender



The all-metal link extender shall be half-rack size, measuring 217.0 mm (8.54") wide, 41.0 mm (1.61") high, and 326.0 mm (12.83") deep. It shall have a black finish. A table mount kit shall be included to enable mounting of the link extender to the underside of a table.

The Audio-Technica ATLK-EXT165 is specified.

## Specifications

I/O Connectors	Output: LINK power status Input: DU port A/B
Power Supply	100V-240V AC (50/60 Hz)
Power Consumption	15 W-160 W (max)
Operation temperature	0° to 40° C (32° to 104° F)
Dimensions	217.0 mm (8.54") W 41.0 mm (1.61") H 326.0 mm (12.83") D
Net Weight	2.2 kg (4.9 lbs)
Accessories Included	AC power cord; Euroblock connector; AT8649 table mount kit
Compatible Devices	ATUC-50CU, ATUC-50DU, ATUC-50INT, ATUC-50IU, ATDM-0604

In the interest of standards development, A.T.U.S. offers full details on its test methods to other industry professionals on request.

1 Pascal = 10 dynes/cm<sup>2</sup> = 10 microbars = 94 dB SPL

<sup>1</sup> Typical, A-weighted, using Audio Precision System One.

Specifications are subject to change without notice.

## Discussion Systems

### Features

- Allows cable-run extension of discussion/conference systems and mixers equipped with Audio-Technica LINK RJ-45 ports
- With ATUC-50 Digital Discussion System, supports use of up to 100 discussion units per control unit
- Supplies DC +48V power to connected devices, enabling extended cable runs
- LED indicators for power on/off, power supply status, current-overload detection
- Includes AT8649 table mount kit and power cable

### Description

Audio-Technica's ATLK-EXT165 link extender allows users to extend the cable runs in compatible discussion/conference systems and mixers equipped with Audio-Technica LINK ports. When used with the ATUC-50 Digital Discussion System, it enables an increased discussion unit count of up to 100 DUs per ATUC-50 control unit (ATUC-50CU must have firmware rev. 1.6 installed to support increased discussion unit count).

The extender is equipped with two RJ-45 Audio-Technica LINK ports through which it supplies DC +48V power to connected devices. It can be set to power on/off automatically in tandem with a connected control unit or to operate locally, powering on/off with the press of the extender's Mode switch.

The front of the unit is equipped with LED indicators that display power on/off of the extender and status of power supplied to connected devices.

The ATLK-EXT165 comes with the AT8649 table mount kit that allow the extender to be mounted to the underside of a table.

### Architect's and Engineer's Specifications

The link extender shall enable extended cable runs for discussion/conference systems and mixers. It shall be equipped with two RJ-45 ports through which it shall supply 48V DC power. It shall incorporate a highly regulated DC voltage supply designed to operate continuously even under heavy load. The link extender shall be powered by 100V-240V AC (50/60 Hz) and incorporate a detachable power cable assembly using standard IEC connections.

The link extender shall be operable remotely or locally, powering on/off automatically in tandem with a connected control unit or powering on/off with the press of power button located on the front panel of the extender. The front panel shall also include four LED indicators: one displaying the power status of the extender itself, two displaying the status of power supplied to RJ-45 ports A and B, and one that will blink if a current overload (above 2.6A) is detected.