

ATUC-50 Digital Discussion System

Hear and be heard.



audio-technica



# Simplicity

You choose the scale and complexity of your communication needs and in return the ATUC-50 Discussion System gives you reliable, crystal-clear speech reproduction from a system that couldn't be simpler to set up and use.

From small gatherings in a meeting room to medium/large-scale conferences, the ATUC-50 is designed to be easily configured – and reconfigured – while providing the professional sound quality and advanced controls that will enable you to adapt it to any number of discussion settings.

**In short, the ATUC-50 lets you hear and be heard.**

## Sound Quality / Speech Intelligibility

The ATUC-50 delivers 24-bit/48kHz uncompressed digital audio for crystal-clear, natural-sounding voice reproduction. The mic gain and EQ can be adjusted for each ATUC-50DU discussion unit/microphone in order to best serve the voice of each participant. The discussion unit also features a high-quality microphone preamp with discrete transistors to reduce noise. The ATUC-50 is equipped with a 12-band feedback suppressor that allows higher volume levels without feedback from the speaker to the gooseneck microphone. The control unit can be configured via an eight-band parametric EQ, giving you significant control over the audio's character.

## Versatility

With advanced configuration options and the ability to save and recall up to eight preset conference configurations, the ATUC-50 offers plenty of versatility, allowing you to move quickly from one discussion setup to the next.

During the discussion session, the system's multiple operation modes – "Free Talk," "Request to Talk," and "Full Remote" – along with various override settings keep the discussion orderly.

With three language interpretation, the ATUC-50 enables you to accommodate a linguistically diverse gathering of people.

The ATUC-50 is a multifunctional programmable unit, which can adopt both delegate and chairman functionality, or can be loaded with interpretation firmware to become an interpreter unit.

The simple web editor allows you to embed audio and conferencing parameters on the fly, including mic triggering, behaviour of the built-in loudspeaker, priority user type and many others.

## Ease of Use

The ATUC-50's high-quality audio and advanced features are presented through an interface that remains extremely easy to use. The discussion units connect to the control unit in either daisy chain or ring topology with standard Cat5e (or better) cable. Three control units can be linked, creating a system that supports up to 150 discussion units. Settings and operation can be handled locally at the control unit in stand-alone mode or through the Web Remote Control feature, which allows quick and easy configuration and management from a web browser on any device (computer, tablet, etc.). On-screen recording buttons (Rec, Pause, Stop) make recording onto a USB mass storage device easy, and more advanced recording settings are easily accessible. To make things even simpler, up to eight conference settings can be preset and recalled from the front panel, software or compatible control system.

## Value

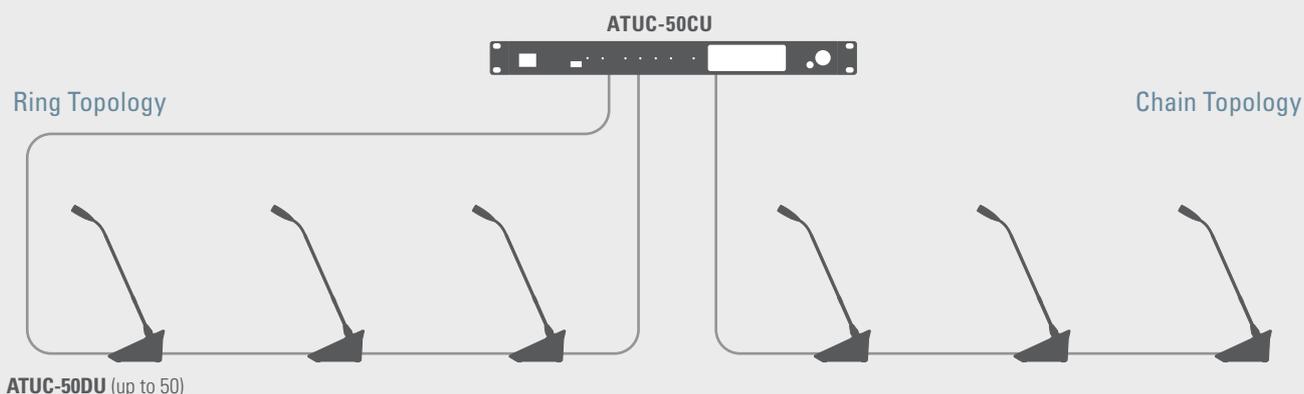
The ATUC-50 gives you industry-leading versatility, functionality and audio quality in a system that is exceptionally easy to use. It would cost you a lot more in time, money and effort to construct a comparable system from various components on the market – and they may never function as well together as you would like. The ATUC-50 gives you everything you need in one feature-rich, supremely reliable system, at a price to meet your budget. The system is scalable, so you can easily add to it as your needs increase. The ATUC-50 gives you everything you need in one feature-rich, supremely reliable system, at a price to meet your budget. And the system is scalable, so you can easily add to it as your needs increase.

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## Reliability and Connection Options

As shown in the diagram below, discussion units can be connected to the control unit in either ring or chain topology (up to two rings and up to four chains per control unit). Using ring topology increases the system's reliability, since the control unit actually recognizes each end of the ring as the

beginning of a new chain. So, if you experience a connection failure somewhere along the ring, all the discussion units will continue to function, albeit as part of two distinct chains. The ATUC-50 system has a maximum of 6 chain outputs for connection of discussion units.

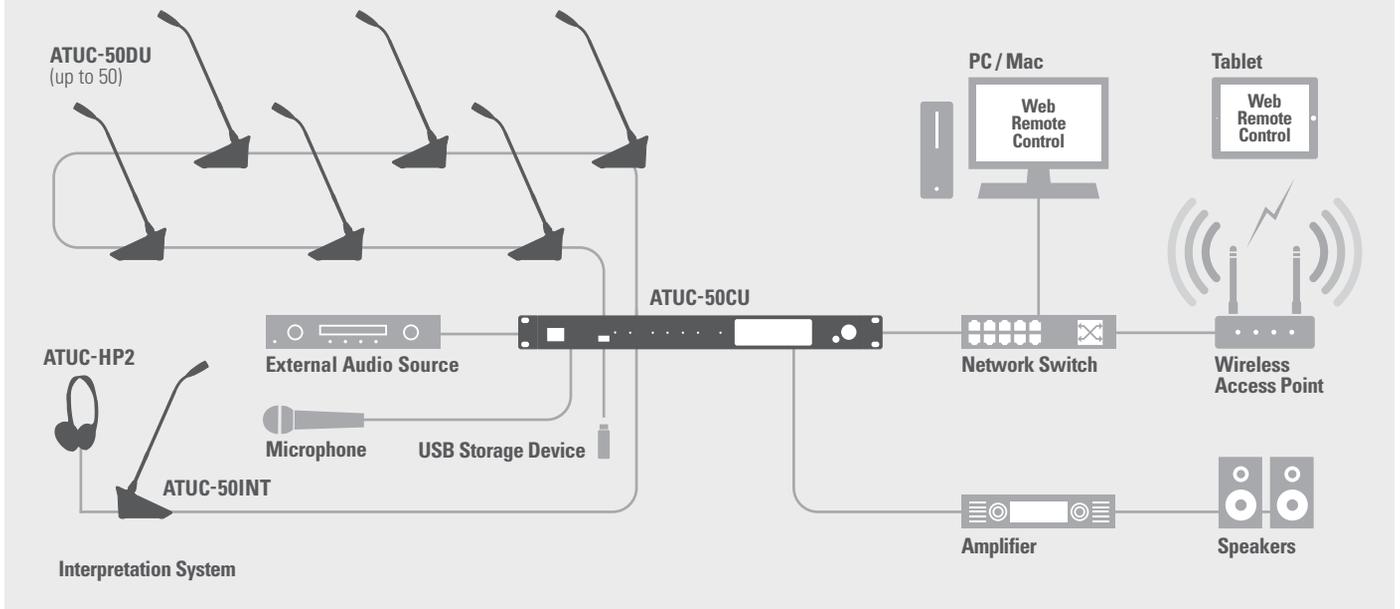


## System Connection Example

The diagram below shows common system connections. Up to 50 discussion units with accompanying 43cm or 58cm ATUC-M gooseneck microphones connecting to the control unit, in either chain or ring topology, using Cat5e (or better) cable. A network hub in the rear of the central unit enables connection to an external IP control system or to a

controlling PC or wireless access point. A microphone or other external audio source connects to one of two balanced MIC/LINE inputs. An amplifier and speaker connect to one of four balanced outputs. A USB mass storage device connects to the USB input on the front panel for 4-channel recording in .wav and 2-channel recording in MPS format.

The system uses Cat5e industry standard cabling.



# Any Application.

## Web Remote Control

The ATUC-50's Web Remote Control function is a web application with a multi-language UI that allows you to configure and operate the system from a computer or mobile device using a standard web browser and without needing to load software. From the application's home screen you can choose to configure detailed settings of the system, recall and adjust presets before you start a conference, or operate and control the conference as it is happening.



### Benefits of the Web Remote Control:

- Accessible from a web browser on Mac, PC, and iOS and Android tablets, giving you convenient control of system settings and operation
- No need to install additional software
- Administrator and Operator access levels, with optional password protection
- Configuration of conferencing and audio parameters for the control unit and each individual discussion unit
- Configuration of recording settings, and control of (start, stop, pause) recording sessions
- Conference preset recall
- Multilingual User Interface





## Corporate

The ATUC-50's unique Web Remote Control function provides easy cross-platform integration, letting you control meetings from your computer or tablet. Three selectable operation modes and programmable LED indicators help to structure meetings and avoid miscommunications.

Class-leading speech intelligibility, flexible recording functionality and individual control ensure your meeting is structured, productive and controlled. Stylish design and easy integration in to video conferencing facilities makes this system a perfect fit for any board, meeting or VC room.



## Education

In academic settings the ATUC-50 system can facilitate truly interactive learning. Each student can have their own discussion unit enabling them to instantaneously reply to or ask a question. Sound is distributed evenly through the built-in loudspeaker so all students can hear, understand and interact.

Hosting foreign language lectures is made simple with three-language interpretation. Recording of audio for distribution to the students as well as remote learning via audio streaming means that wherever your students are located, they will be able to listen and learn.



## Hospitality-Hotels/Convention Centers

The ATUC-50 enables you to handle a wide variety of gatherings: from smaller events, up to systems with three linked control units for meetings with up to 150 participants. At any size, the ATUC-50 remains simple to set up and easy for each participant to use.

## Portable Conference/Rental

Since the ATUC-50 offers both plug-and-play operation and a high level of integration with third party control systems using IP control, and the ability to use other 3-pin XLR condenser microphones with the discussion units, it is an ideal system to transport from event to event or stock for rentals.

The multifunctional and programmable discussion unit gives the utmost simplicity for engineers when preparing for an event. The system can also feed an external language distribution system with three interpreted languages.

# of hearing and being heard.



## Government

This system is perfect for the government sector as an affordable wired system that provides high speech intelligibility and interpretation for multilingual communities.

Discussion units can have individually assigned LED colours enabling visual recognition for the viewers. Recording functionality makes session archiving easy.



## Judicial/Courts

The ATUC-50 system is perfect for the court house, offering a cabled, reliable solution. Discussion units can be organized into 4 different groups and individually recorded.

The requirement for a law suit to be available in a defendant's mother tongue can be delivered by utilizing the ATUC-50's three-language simultaneous interpretation.

## New Class of Conferencing

### A Sound Investment

- Premium sound quality and speech intelligibility
- Easy to use
- Secure and reliable
- Flexible
- Customisable
- Simple to engineer and install
- Extended five year warranty



**5** YEAR  
WARRANTY



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