infrared conference system (PC 491·MC 134)

IR conference system

Features

Flexible and easy modify
• Microphone and camera settings can be controlled by a PC running the supplied software. The upgradable structure of the system makes it easier to adapt your conference setup.

Unit selection function
• By utilising ID-switching methodology, the ATCS-60 guarantees prompt and responsive unit selection.

All finish function
• The chairperson's unit has control to override all other units with the "all finish" function

Battery life indication
• When battery life is low both the power LED and microphone LED will flash rapidly as a warning.

Listening options
• Built in speaker and headphone jack with personal volume control.

Voice Detection
• The user can select automatic or manual mode. In the automatic mode, the microphone is turned on when spoken into and turned off when there is no voice. The holding time can be altered to cater to users needs. In manual mode, the simple operation of pressing the TALK (speech) button enables the on/off switching.

Simultaneous interpretation
• Up to 4 separate channels for multi language meetings, making it possible to have one mother tongue and three additional translations.

Wireless design for flexible configuration

Board rooms meetings, Video conferencing and general meetings
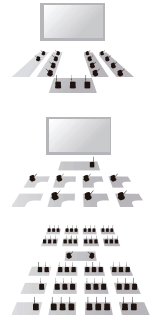
As cost is of great importance to all companies, conference rooms are increasingly utilised for other purposes. The infrared system is flexible and space efficient making it the perfect choice for such multi-purpose environments.

Remote lectures and meetings in institutions and universities

As the technology for remote lectures and meetings increases universities are introducing the remote lecture system to enhance the course agenda. A conference system with improved audio quality makes communication swift and efficient.

Committee rooms and assembly halls of self-governing bodies

The semi permanent nature of the ATCS-60 means it can be seamlessly installed into any space without the hassle of exposed wires and lengthy setup times. Take it with you wherever it is required.

IR conference system

Everything begins with Audio-Technica

The ATCS-60 infrared conference system has all the advantages of infrared communication complete with wireless transceiver microphone units. Wireless infrared technology provides the user with greater flexibility whilst configuring the system and freedom of choice when placing microphones. From intimate meetings to large boardrooms and events, the ATCS-60 will adapt to your needs.

Additional features include 4 selectable channels for multi-language conferences and an automated camera function facilitating audio visual integration.

The option of software control is also available, with the user able to adjust camera position and microphone settings from within the provided software.
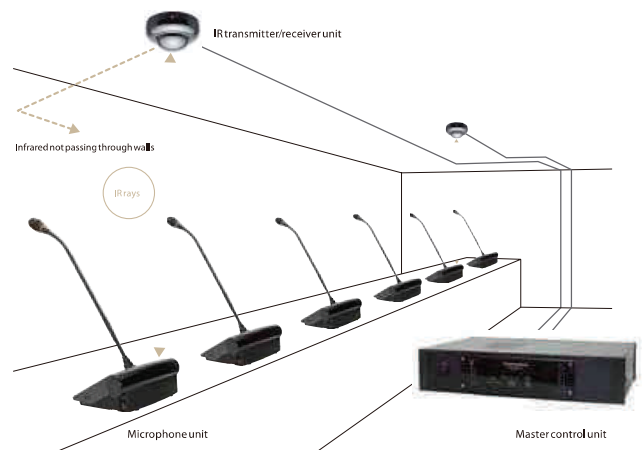
infrared conference system (PC 491·MC 134)

As a pioneer of infrared systems Audio-Technica offers you peace of mind.

1996 The arrival of 800MHz radio wireless products marked the beginning of Audio-Technica's work with IR technology. Resulting in sales of the ATIR series infrared microphones.

2000 The dawn of the 21st century saw the release of the ATCS-M50 as part of the ATCS-50 series, capable of handling up to 150 microphones.

2004 Another new addition to the ATCS-50 series is the ATCS-M55 which showcases a system which requires the smallest installation area in the industry.

2007 Audio-Technica introduces the first fully automatic hands-free conference system with voice detection technology. By automatically recognizing the speakers voice, the microphone can be turned on and off without pressing a button.

Infrared technology keeps your information in your conference room

In the 21st century the security of information is of top priority. With the ATCS-60 conference system your wireless signal won't leave the room, let alone reach another building. When compared to a UHF wireless system which acts in the same way as a radio station transmitting over a broad area, the infrared system excels, providing no information leakage.

Infrared technology offers you peace of mind and the confidence that your information is secure.

IR transmitter/receiver unit

Infrared not passing through walls

IR rays

Microphone unit

Master control unit

infrared conference system (PC 491-MC 134)

ATIR-T88
399,00 € Handheld microphone
- The handheld microphone's infrared wireless signal is secure within the room unlike UHF and 2.4 GHz handheld microphones.
- Up to 3 **ATIR-T88** / **ATIR-T85** microphones can be used simultaneously with one **ATCS-C60** master control unit.
- Up to 5 audio lines can be used at the same time with a combination of the **ATIR-T88**, **ATIR-T85** and the standard **ATCS-M60** delegate unit.
- The microphone features an ON/OFF switch.
- The microphone is powered by two AA batteries.

ATIR-T85
399,00 € Lavalier microphone
- The lavalier microphone's infrared wireless signal is secure within the room unlike UHF and 2.4 GHz lavalier systems.
- Up to 3 **ATIR-T85** / **ATIR-T88** microphones can be used simultaneously with one **ATCS-C60** master control unit.
- Up to 5 audio lines can be used at the same time with a combination of the **ATIR-T88**, **ATIR-T85** and the standard **ATCS-M60** delegate unit.
- The microphone is powered by two AA batteries.

CONFERENCE MANAGER (dedicated software)
Using the dedicated software you can take full control over the conference system. Arrange delegate layouts with names and departments over an image of the conference room, fully monitor the working conference, control the order of speakers or implement a "press to request" function. Control audio hold times, thresholds and individual gain settings are easily accessible. The audio routing for language translation is implemented through the software as is automatic pan/tilt/zoom for integrated video cameras. With video / audio recording facilities and integrated minute-taking application, reviewing your conference is a breeze.
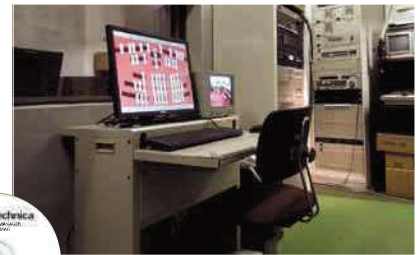
ATCS-C60MAG
Conference Manager Standard version included of charge with each central unit
- Setup of all basic functions of the ATCS-60; Manual mode up to 150 microphones; Automatic mode up to 50 microphones.
- Overall gain
- Gain for individual delegate units
- Individual thresholds for in automatic mode
- Arrange delegate layouts with names over an image of the conference room
- Selectable speaker order modes of operation
- "Press to Request" total control mode
- Audio routing for interpretation integration

ATCS-C60MAG-REG
1 400,00 € Conference manager extended version
- Video follows audio control (external camera required)
- Video recording
- Audio recording
- Minute taking
- Conference record

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atcs-60 series

- Microphones can turn on automatically when a voice is detected.
- Unique DSP voice detection ignores the sound of rustling papers when using the automatic microphone mode.
- A built-in loudspeaker and headphone output for personal amplification removes the need for an additional P.A. system .
- It enables simultaneous speeches by up to 5 people.
- Priority setting function may enable priority to microphones other than the chairperson unit.
- 4 monitor channels are available to easily integrate multiple language translations

infrared conference system (PC 491-MC 134)

ATCS-C60
3 990,00 € Master control unit
- The number of units with priority settings can be selected.
- Option for FIFO "First In First Out" or FILO "First In Last Out" modes when selecting which order people speak.
- Automatic mode and manual or traditional button press mode are both available.
- Adjustable threshold setting for automatic mode.
- Adjustable hold time for how long the microphone stays on after speech ceases.
- Direct output of up to 5 separate audio channels can be output via the software.

ATCS-M60
990,00 € Delegate unit

ATCS-60MIC
129,00 € Dedicated microphone
- Overall length 43 cm

ATCS-L60MIC
139,00 € Dedicated long-type microphone
- Overall length 58 cm

Technical Data	ATCS-60MIC, ATCS-L60MIC
Model	Fixed-charge back plate
Polar Pattern	Hypercardioid
Frequency Response (microphone only)	50 – 15,000 Hz (−3 dB point)
Sensitivity (0 dB = 1V/ 1 pa, 1 kHz)	− 45 dB
Maximum Input Sound Level	100 dB S.P.L. (1kHz, THD 1%)
Signal-Noise Ratio (1kHz,1 pa)	> 61 dB
Output Impedance	< 680 Ω, unbalanced
Finish	Black, matted paint spraying
Weight	115 g (ATCS-60MIC)

Technical Data	ATCS-M60
Bandwidth	1 – 10MHz
Number of Channels	Voice 5 ch, monitor 4 ch and data 2 ch
Modulation Method	FM modulation
Infrared Data Communication	9,600 bps
Speaker Output	8 Ω, 2W
Headphone Output	Ø 3.5mm monaural mini-jack
Power Supply	Dedicated lithium-ion battery with 7.4 VDC, 2400 mAh or AC adaptor with 12 VDC, 1A
Standard Operation Time	Continuous speeches: 6 hr; Signal reception status: 10 hr.
Dimensions	H75.5×W187×D149mm
Weight	0.6 kg (microphone and battery excluded)
Optional Accessories	LI-240 lithium-ion battery, AC adaptor

Technical Data	ATCS-C60
Bandwidth	1 – 10 MHz
Number of Channels	Voice 5 ch, monitor 4 ch and data 2 ch
Modulation Method	FM modulation
Infrared Data Communication	9,600 bps
Audio Input	Monitor input (-10dBV, unbalanced) 4 systems External input 1 (-10dBV, unbalanced) 1 system External input 2 (-10dBV, balanced) 1 systems (-50dBV, unbal.) 1 system
Audio Output	Direct output (-10dBV, unbalanced) 5 systems Output 1 (-10dBV, unbalanced) 1 system; Output 2 (-10dBV, bal.) 1 system Recording output (-10dBV, unbalanced) 2 systems
System Frequency Response	200 – 13,000 Hz
Power Supply	AC100 – 240V 50/60Hz 75W
Weight	4.2 kg (Main body only)
Accessories	2 rack adaptors, 6 rack adaptor installation screws, 5 mini screwdrivers, AC power cord

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