

TOA OPEN CONFERENCE SYSTEM

Compact & Lightweight Open Conference System
with Optimally Clear Sound & Reliable Operation



O P E N C O N F E R

Just put the TOA Open Conference System and it becomes a conference hall!

TOA's compact and lightweight Open Conference System units work unobtrusively with a state-of-the-art center amplifier to ensure clear transmission and exact sound response.

The TOA Open Conference System's enhanced design and circuitry can convert a standard meeting room into a full-scale conference facility. The Open Conference System can be neatly and simply installed just by connecting the TS-700 Center Amplifier to the conference units (the TS-701 Chairman's Unit and the TS-702 Delegate's Unit). The 2-meter long cable supplied with the unit makes it easy to place the units wherever you want. With one center amplifier, it is possible to link up to 70 conference units, or as many

as 140 by adding two expansion amplifiers. Optimized unidirectional gooseneck microphone and speaker design ensures high-quality speaker sound. The compact size of the center amplifier and conference units does not make them any less effective as a genuine conference system. Simply pushing a delegate's unit talk button turns on its microphone, and its LED, showing who is speaking. If the delegate's unit is later inadvertently left on, it automatically switches off after a set length of time. For a smoothly functioning conference, the number of delegate's units in use simultaneously can be set, and the chairman's unit priority function can override all delegate's units. The priority button's built-in chime informs delegates that the chairman is resuming control of the agenda. Long-term recording can be made by connecting an optional twin-deck AR-71 Alternating Recording Machine to the center amplifier, and each conference unit is also equipped with its own recording output jack.



E N C E S Y S T E M

ystem in a room,

The new lightweight & compact TOA Open Conference System is easier to store, set-up and operate, and it takes up remarkably little desk or table space during a meeting.

The durable and functionally attractive ABS resin conference units and center amplifier have been made extra compact, for easy stowing away in hotel storage space or an office equipment room, as well as light enough to be carried without difficulty to the appropriate meeting area. Each conference unit microphone is detachable, for additional space saving. Simplified wiring and quick-lock attachments ensure easy set-up, and a push-lock feature keeps connections secure. A full array of features and professional-looking system design reinforce the impression among conference participants that they are working with genuinely professional equipment. The TOA Open Conference System provides meetings with the mood of a genuine conference, but without the

cost of a built-in system, or the need to create a separate, dedicated conference space. During a conference, the chairman can control the agenda easily, the delegates can speak and discuss more freely, external sources may be input and conference proceedings recorded on tape. And after all has been said and done, the TOA Open Conference System can be disconnected, carried away and stored compactly until the next time it is needed.



TS-701 Chairman's Unit

- Removable gooseneck microphone and built-in speaker.
- A ring-shaped LED on the microphone indicates that the microphone is on.
- To prevent howling, the built-in speaker is turned off while the microphone is on.
- Press-to-talk priority speech button activates chime and overrides delegate's units.
- Press-on/off talk button.
- Recording output mini-jack for connection to a recording device.
- 8P quick-lock type mini connector.
- Multiple simultaneous chairman's units operation possible.
- Connection cord supplied.



TS-702 Delegate's Unit

- Removable gooseneck microphone and built-in speaker.
- A ring-shaped LED on the microphone indicates that the microphone is on.
- To prevent howling, the built-in speaker is turned off while the microphone is on.
- Press-on/off talk button.
- Recording output mini-jack to connect a device for individual recording.
- 8P quick-lock type mini connector.
- Connection cord supplied.



TS-700 Center Amplifier

- Supplies DC power to all units, with lamp indicator.
- Jack for microphone input, and AUX 1 & 2 input jacks for access to PA and BGM system.
- Microphone, AUX 1, line (for conference unit's built-in speaker) and chime (on chairman's unit) volume controls.
- Delegate's unit simultaneous operation (1, 2, 4 or 6) and automatic mic-off setting (OFF/20-sec/40-sec) switches.
- Line 1 & 2 output connection terminals for 35 conference units each.
- RCA pin-jack and phone-jack recording output terminals.
- System expandable to 140 units by connection of 2 additional center amplifiers as expansion amplifiers (35 units per expansion amplifier).



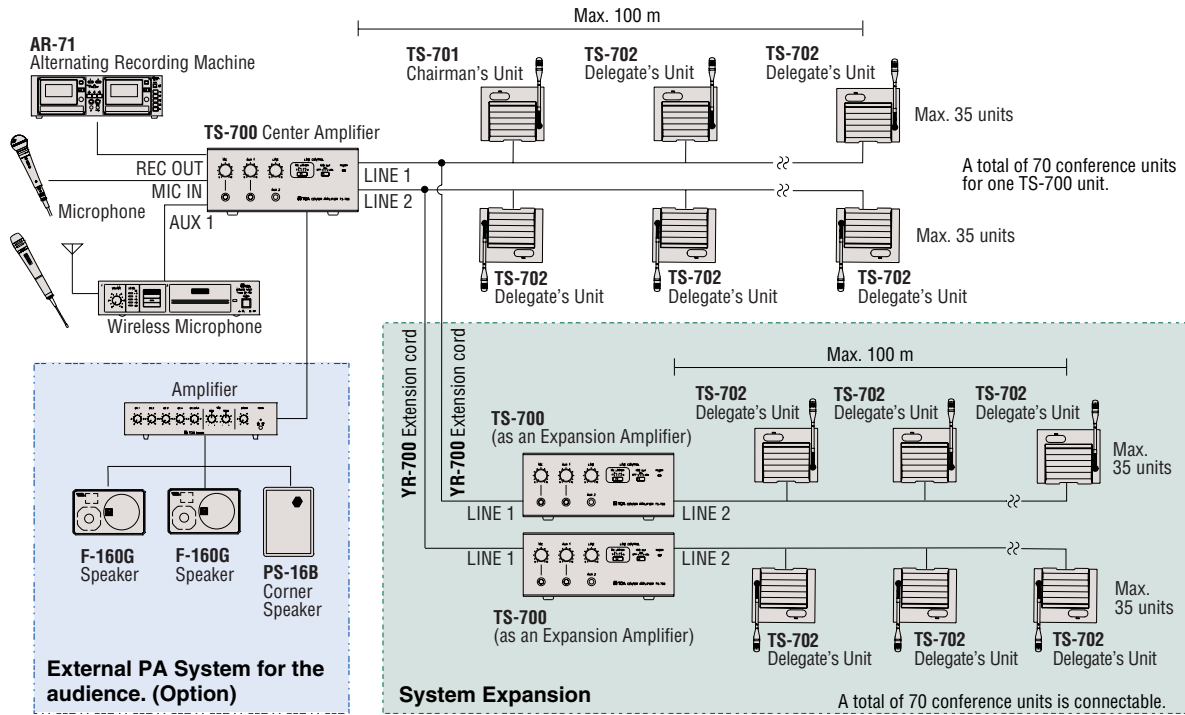
AR-71 Alternating Recording Machine

- Makes possible long-term uninterrupted recording.
- Both C-60 and C-90 type tapes may be used.
- Deck 1 is for recording only, while Deck 2 is for recording and playback.
- Connector for external microphone input.
- Headphone recording monitor function.
- Rack-mountable with optional 3-size YM-003B mounting kit.
- Buzzer and LED indication for tape play ending.

YR-700 Extension Cord



SYSTEM CHART



SPECIFICATIONS

	TS-701	TS-702
Power Requirements	35V DC, under 30mA supplied from center amplifier	
Input	Gooseneck Microphone: Unidirectional condenser microphone, -60dBV, with LED, detachable type Line: 0dBV, unbalanced, 8P quick-lock type mini connector	
Output	Recording: 10kΩ, -20dBV, unbalanced, mini-jack Line: 0dBV, unbalanced, 8P quick-lock type mini connector Internal Speaker: 130Ω, 200mW	
Control	Speech Button: Microphone, speaker on-off control by speech switch Priority Button: Microphone, speaker on-off control, other microphone cut-off, and single-tone chime activation	Speech Button: Microphone, speaker on-off control by speech switch
Operating	Temperature Range 0°C ~ +40°C	
Dimensions (W × H × D)	170 × 59 × 147mm (microphone excluded)	
Finish	Base: ABS resin, Semi-mat black	Speaker: Metallic brown
Weight	560g	
Standard Accessory	Connection cord 1m × 2m (with 2 × 8P mini plugs and 1 × 8P mini socket) × 1	

TS-700	
Power	Requirements 220/230V AC, 50/60Hz (selectable)
Power	Consumption Max. 135W
Input	Microphone: 600Ω, -60dBV, unbalanced, phone jack AUX 1: 10kΩ, -20dBV, unbalanced, phone jack AUX 2: 600Ω, 0dBV, unbalanced, phone jack Line 1 & 2: 0dBV, 8P quick-lock type mini connector
Output	Recording: 10kΩ, -20dBV, unbalanced, phone jack, 2 × RCA jack Line 1 & 2: 0dBV, unbalanced, 8P quick-lock type mini connector Power Requirements: 35V DC 1A/line, 2 lines, 2A in total
Control	Priority Speech Chime: Operation of TS-701's priority button activates a single-tone chime. Speaker Restriction: Number of simultaneously-usable TS-702s can be set to 1, 2, 4, or 6. Automatic Mic-Off: Function off/20sec./40sec. (selectable)
Number of Connectable	Max. 70 units Max. 35 units per line
Conference Units	(max. 140 units when 2 expansion amplifiers connected.)
Operating Temperature Range	0°C ~ +40°C
Dimensions (W × H × D)	210 × 93 × 316mm
Finish	Colored steel plate, Semi-mat black
Weight	3.9kg
Standard Accessory	Power cord × 1
Optional Accessory	YR-700 Extension Cord

AR-71	
Power Requirements	110/120V AC or 220/240V AC, 50/60Hz (selectable)
Power Consumption	Max. 25VA
Input	Microphone: -62dBV, 600Ω, unbalanced Line: -20dBV, 50kΩ, unbalanced
Output	Line: 0dBV, 600Ω, unbalanced Headphone: 8Ω
Frequency Response	Microphone: 100 ~ 15,000Hz, ±3dB (at 1kHz) Tape (at playback): 100 ~ 7,000Hz, -5dB ~ +2dB (at 1kHz)
Distortion	Less than 2% (at rated output from MIC input)
S/N Ratio	Better than 50dB
Cassette Function	Deck Section: Deck 1 for recording only Deck 2 for recording and playback Track System: 2 tracks and 1ch (monaural) Usable Tape: Normal Recording System: AC via system Erasing System: AC erasing system Tape Speed: 4.8cm/sec. Wow & Flutter: Less than 0.3% WRMS Fast Forward/Rewind Time: Approx. 100 seconds (C-60 tape)
Remote Terminals	Input: REC, PAUSE (One shot makes contact with no voltage.) Output: REC LED, PAUSE LED, LINK and TAPE END (Open collector: 50V DC, 0.1A)
Double Recording Duration	70 ± 5 seconds
Tape Link Time	30min. (C-60)/45min. (C-90)
Dimensions (W × H × D)	433.5 × 140.5 × 346.0mm
Weight	8.0kg

* Specifications are subject to change without notice.

Please contact your nearest TOA distributor.