



CONFERENCE RECORDING SPEAKERPHONE SYSTEM

KX-TS730AZ

the voice of business

Panasonic
ideas for life



Super-Sensitive, High-Fidelity Conference Recording Speakerphone

Have you ever tried recording an important meeting with members in distant locations and ended up with a recording so poor that you couldn't understand what was said? Well, Panasonic has solved your problem with the super-sensitive, high-quality KX-TS730AZ Conference Speakerphone. The KX-TS730AZ lets you conduct crystal-clear meetings by simply connecting it to an analogue phone line or PBX extension. New functions like high performance microphones and high-precision echo cancellers ensure that your company's long-distance communication sessions get recorded in their entirety with clear, sharp sound. Since you don't have to worry about your communication system anymore, you can fully concentrate on your meeting.

The Panasonic Recording Function Solves Problems in a Variety of Situations

**Project meetings between
companies and branch offices.**

Teleconferences can be easily set up because the recording function is always ready. During the conference, all participants can concentrate on the discussion because no one needs to worry about taking minutes. The conference content can also be divided into as many as 64 items, simplifying the task of writing up the minutes at a later time. Since the content is recorded, the conversation can be listened to any number of times and can be recorded onto other media.

**Corporate communications between
head office and branches.**

Important meetings to explain new products or announce company policies can be recorded so that anyone who was not able to attend can listen to them later. Since the recording preserves the actual mood of the meeting, it is easy to ensure full understanding of the corporate announcement - word for word.



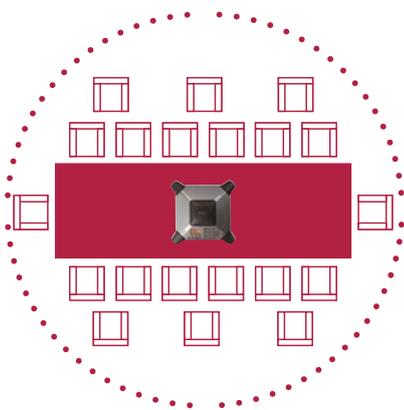
Complete Recording Of Meetings - Up To 20 People

Highly Sensitive Mid-Side Microphones

The KX-TS730AZ microphone unit consists of four sets of paired microphones, making a total of eight, that collect sound in 360 degrees. This eliminates recording gaps even in meetings of around 20 people. Two highly sensitive Hyper Cardioid Microphones, each with different performance characteristics, work together as a pair.

Microphone Coverage

Microphone coverage: about 40m². This is only intended as a guideline. Coverage may vary depending on the usage environment and other conditions.



Rich Sound with Minimal Distortion

Efficient Digital Amplifier

Enjoy rich playback sound with minimal noise and distortion. The KX-TS730AZ suppresses the noise that often affects small signals in the input stage of conventional analogue circuits. Sounds in the range of the human voice are efficiently picked up, and a high-output digital amp keeps them crisp and clear.

Super-Clear Sound Reproduction

High-Performance Neodymium Speaker Unit

The magnetic flux density and ferromagnetic power of the neodymium magnet used in the KX-TS730AZ far exceeds those of conventional ferrite magnets. This heightens the speaker response to produce truly crisp, clear playback sounds. No more having to strain just to hear what was said, or playing back the same portions repeatedly to figure out the conversation.

Sound-Distorting Echoes Suppressed

High-Precision Digital Echo Cancellers

To control echoes in the KX-TS730AZ, isolated echo cancellers are provided for each of the four microphone pairs. Echo remnants are further checked by noise reduction and echo suppressors to transmit ultra-clear sounds. A circuit echo canceller is also provided for the receiving side. This combines with the noise reduction and echo suppressors to boost clarity even more during reproduction, boosting the quality of recorded meetings or lectures significantly.

Optimal Sound Pick-Up

Auto Mic Selection

The direction of the person speaking is detected, and the sensitive Hyper Cardioid Microphones are automatically selected to optimise the sound-collecting conditions. You get clearer sounds and less noise.

Even Tiny Sounds Are Easy to Hear

Two-Way Noise Reduction

This function reduces environment and line noise on both transmitting and receiving sides. This lowers offensive noises to make sounds even clearer, so even minute sounds are easy to hear.

Extended, High-Quality Conference Recording

Auto-Recording Level Adjuster & ADPCM Recording

Even when the volumes of the transmitting and receiving sides change, the recording level is automatically optimised. Also, in addition to the long recording time capability of up to 120 minutes, ADPCM digital recording ensures high sound quality with minimal noise.



Specifications

Conference Recording Speakerphone System

General	KX-TS730AZ
Color	Titanium Silver
Number of Phone Lines	1
Full Duplex Conference	Y
Language	English / Spanish
12 keypad	Y
Caller ID	Y
Caller ID Memory	50
Phone Book	100
Dialer Storage Capacity (# of digits per station)	32
Conference Recording	120 min (up to 64 items)
NEW Message Playback	Y
ALL Message Playback	Y
FF/REV/Stop	Y
Skip/Repeat	Y
ALL/Individual Erase	Y
Mute	Y
Flash	Y
Pause	Y
Redial	Y
History Redial	10
Ringer Patterns	3
Ringer Volume	Off, Low, Mid, High
SP-Phone Volume	16 Steps
LCD	Full Dot
LCD Contrast	6 Levels
Programmable Tone/Pulse	Y
Status Indicator LED	Green : Talk, Red : Mute

Microphone

Microphones	2 x 4 couples (300 - 3500 Hz)
High Precision Digital Echo Canceller	Y
Automatic Mic Selection	Y
Noise Reduction System	Surrounding / Line Noise

Loudspeaker

Frequency Response	300 - 3500 Hz
Neodymium Magnet	Y
Effective Digital Amplifier	Y
Loud Speaker Sound	94dBa SPL / 0.5m

Interface

Audio Out Jack (for external recording device)	Y
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Speakerphone Unit Dimensions

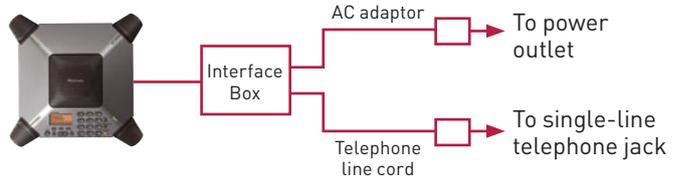
Height (mm)	64
Width (mm)	279
Depth (mm)	279
Weight (g)	970

Interface Box Unit Dimensions

Height (mm)	32
Width (mm)	67
Depth (mm)	76
Weight (g)	60



System Diagram



Note:

- Use only provided Panasonic AC adaptor PQLV10 (9V/850 mA) for proper product operation. In case of power outage, this product will not work.
- The AC adaptor must remain connected at all times. It is normal for the adaptor to feel warm during use.
- The AC adaptor should be connected to a vertically oriented or floor-mounted AC outlet. Do not connect the AC adaptor to a ceiling-mounted AC outlet, as the weight of the adaptor may cause it to become disconnected.

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For further information or the location of your nearest Panasonic Authorised Dealer, please telephone **Panasonic Customer Care Centre** on 132 600

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