FAQs Push to talk Conference System CS-300

1. **Will your push-to-talk conference systems be compatible with my PA system?**

Our conference systems are compatible with nearly every professional audio-visual public announcement system. Main control units provide line level out XLR, RCA (Stereo or Mono) and Auxiliary outputs for standard compatibility options. All conference microphones will be summed then provided as an output to the mixer.

2. **What is the cabling type for your wired conference system and how many extension cables will need?**

Our wired tabletop microphones are connected via Cat-5 cables with 6PIN Din connectors. It is a secure and reliable connection. Moving the conference units on the furniture will not unplug a connection. Each microphone comes with a built-in speaker, and they are connected in Daisy chain to one another. They also come with 2-meter (6.5 ft) cable, and you may need additional cables depending on the Microphone layout. Our cable options include: 3, 5, 10 and, 20-meter cables.

3. ***Is there a maximum number of delegate microphones I can have?***

The CS-300 Conference and Discussion System is ideal for discussions and meetings of up to 150 people. Each control unit supplies the power for up to 50 delegate and chairman units. If you have 90 delegates for example, you will need to add a second control unit for the additional 40 microphones.

4. ***How many control units can be added to a single system?***

Using our EXK accessory you can connect up to three control units together in a single system, thus allowing a maximum of 150 microphones working in tandem.

5. **I was looking into getting a wireless push to talk conference system but heard they may cause interference.**

We do not recommend getting a wireless push to talk conference system. High quality wireless push to talk systems are usually much more expensive than wired ones. And if you get a cheap, low quality one, you most probably get interference. Also, they can be an inconvenience by having to charge the units all the time. Our wired push to talk conference systems have single-cable daisy chain interconnection and interferences do not usually occur making them highly reliable for your conferencing needs.

6. ***Do they microphone units turn themselves off automatically when they haven't been in use in a while?***

Only on timer mode, you can set them to open mode so they will stay on indefinitely. You switch between modes from the control unit.

7. ***Does a participant need to hold down their microphone's button while they're talking?***

No, they only need to press it once to start talking and again when they've finished.

8. ***How many participants can be talking at the same time?***

Assuming each participant has their own microphone then up to four with delegate units, while there's no limit for chairman units to be lit at the same time.

9. ***How many microphones can be daisy-chained together?***

Each control unit features two trunks on their back; to each one you can connect a daisy chain of up to 25 units, so in total you can use up to 50 mics with a single control unit.

10. ***Can this system be connected to a computer to allow for virtual participants through Zoom or similar applications?***

Yes, using our USB adapter pack you can easily connect the CU-300 control unit to a PC so all the participants with microphones would be able to seamlessly communicate with other people on the other end of the application. And them in turn would be able to perfectly listen to the participants with microphones while they talk.

11. ***Can I record my meetings?***

The control unit in the CS-300 system has a recording output to connect to a digital recorder.

12. ***In the CS-300 User Manual - 5.7 Connecting a Telephone coupler, does that mean we could connect a phone and the voice from the other end of phone could be heard from the internal speaker of Chairman unit and Delegate unit? And can you recommend a telephone coupler?***

Yes. We can recommend Telos Hx1 Digital Hybrid.

13. ***Can I use the CS-300 for a teleconference over the phone?***

Yes. It's possible. You should get a phone adapter with audio input and output connectors to connect directly to the CU-300.

14. ***In an 8-person system, if all 8 units are activated, would the sound from all 8 internal speakers be too loud/noisy in a small conference room?***

The more microphones you open, the more background noise they will pick up. But this limit works well in most conference rooms. Internal speakers are only active in the units that the microphone is inactive (off). All active microphone units will have the speaker muted to avoid feedback.

15. ***What are the differences among the Enersound push to talk conference microphone system, standard wired and wireless microphones?***

Each standard wired microphone is connected directly into one channel of an audio mixer using a cable. For example, if 10 standard wired microphones are required, you will need to run 10 cables into a 10-channel mixer and have an operator opening and closing the microphones to avoid excessive noise and feedback for having all the mics opened. If you think this is complicated with 10 microphones, imagine having 50 or more mics.

Each standard wireless microphone is comprised of a wireless microphone transmitter, and a base receiver that is connected into one channel of an audio mixer using a cable. Going back to the same example above, if 10 wireless

microphones are required, you will need 10 wireless microphone systems working in 10 different interference-free frequencies, a 10-channel mixer, and an operator. The more wireless microphones you need, the better quality the microphones need to be and the greater chances of interference you have. The only benefit to the above wired microphones is the elimination of some cabling but the rest of the challenges remain, and a new challenge is posed that is the availability of interference-free frequencies.

With the Enersound CS-300 push to talk conference microphone system, each microphone is connected to the next one using the attached single cable and the last microphone is connected to the control unit. The control unit has an audio output that combines all the microphones' signals, eliminating the need of a multi-channel mixer and an operator to control the various microphones. Consequently, there is only one cable in the system that interconnects all the microphones. This makes the set-up easier, cleaner and eliminates unnecessary cables that can cause noise, failures, and visual clutter. In addition, each microphone has a button to activate/ deactivate the microphone, a lighted ring that lights up when the microphone is activated to give a visual indication that the mic is active, and a speaker to listen to the audio of the other contribution units and auxiliaries.

16. ***I currently have them setup so that a board meeting being recorded on Zoom will have better sound quality for transcription purposes. I have the control unit connected to the U-Control USB audio interface that is then connected to my laptop. What control dictates that actual volume of the microphones? Is it the volume control within Zoom itself?***

Microphones volume will be controlled within Zoom itself.

17. ***This question has to do with the speakers built into the microphones themselves. I have selected those as the speaker option for Zoom but the sound is coming from the Cu 300 control unit itself and not from the individual microphones. Do I have something configured or wired incorrectly?***

In regard to the speakers, please note that if a microphone is active, the speaker on that microphone will be muted to minimize feedback and echo. So, the sound will be coming from any unused microphone and the control unit. Also, note that the control unit has 2 volume knobs, one controls the speakers on the microphones and the other controls the speaker on the control unit, but one of them is a master volume as well so they are interconnected.