



## CONFERENCING AND DISCUSSION SYSTEM

The conference system is never demanded like today. JTS presents CS-1 with easiest installation and the most flexible systems CS microphone automatic mixers. All are based on JTS famous audio and liner/digital control design technology.

With interpretation system IT-12 multi-language conference is made easier.



Discussion and Conferencing



# CS-1 Series

## I-Conference Discussion System



CS-1CUR

### CS-1CUR 2018 New Control and Power Supply Unit

CS-1CUR is designed with a USB recorder. The file format is MP3. One 32G USB memory stick can record over 150 hours. One hot key recording makes the job easy.

**Input**  
**Type:** XLR  
**Mic:** 4.7KΩ  
**Line:** 20KΩ

**Recording Function Interface:**  
USB3.0 32GByte (Backward Compatible)  
**Format:** MP3  
**MAX. Recording Time:**  
More than 240 hours (With 32GByte USB)  
**Controls:** Recording ON/OFF button / Recording status LED display / Without Playback Function

**MAX Gain:** > 70dB  
**Frequency Response:** 35 ~ 20,000 Hz  
**THD% Input:** <0.06%  
**Signal-to-noise ratio:** > 70 dB  
**Input Attenuation:** -50dB  
**Phantom Power:** +48 V  
**Mic In Attenuation:** -5dB / -10dB  
**Mic Attenuation:** -10dB / -15dB / -20dB  
**Output Attenuation:** -50dB  
**Voltage Output:** +5 VDC ± 0.2V  
**Power Supply:** 18VDC, 1A  
**Power Consumption:** 18W  
**Fuse:** T1AE 250V (Slow-Blow)  
**Weight:** 2.3 kg  
**Dimension (mm):** 420 (W) \* 44 (H) \* 198.5 (D)

### CS-1CU Control and Power Supply Unit

The innovative CS-1 I-Conference Discussion System is equipped with JTS in-house made ECM capsule, intelligent automatic mixing technology and integrated acoustic and mechanical design, providing Turn-Key solution and delivering consistently natural, feedback-free audio performance with any environment.  
The I-Conference Discussion System is ideal for discussion and meeting with up-to 150 attendants.

A CS-1 I-Conference Discussion System consists of:

- One Control and power supply unit (CU).
- Maximum 150 delegate or chairman units.
- Peripheral audio and / or telecommunication equipment.

The control unit is the center of the discussion system which controls the microphones of the chairman and delegate units as well as connects to other audio input and output. It also supplies the power for the CU itself, and up to 50 chairman and delegate units.

The delegate unit enables the attendants to participate in a discussion by speaking through a microphone, controlled by a microphone ON / OFF pushbutton, and listening to discussion by the internal loudspeaker and external headphone. The chairman unit not only provides the same function as the delegate unit, but also supports the addition of a "Priority button", that enables the chairman to control the discussion by temporary or permanently overriding and deactivating all active microphones of the delegate units.

**Voltage:** VAC100-240 ~, 50/60Hz  
**Current consumption:**  
MAX 0.9A (100VAC) / 0.3A (240VAC)  
**DC supply to contribution units:** ± 15V

**Line, telephone coupler and insertion in / outputs (unbalanced)**  
**Input sensitivity:**  
-14dBV / +11 dBV (nominal / maximum)  
**Input impedance:** 33KΩ  
**Output level:**  
-14dBV / +11 dBV (nominal / maximum)  
**Output impedance:** 500Ω

**Recorder in / output (unbalanced)**  
**Input sensitivity:**  
-20dBV / +5 dBV (nominal / maximum)  
**Input impedance:** 47KΩ (for L & R channel)  
**Adjustment:**  
-20dBV / +5 dBV (nominal / maximum)  
**Output level:** +0 / -30dBV  
**Output impedance:** 500Ω

**External microphone input (XLR (F) balanced)**  
**Input sensitivity:** -56dBV  
**Adjustment:** +6 DBV/-6dBV (nominal / maximum)  
**Phantom supply:** 12V + /-1V, 2 \* 680Ω (± 2%)



CS-1CU



### CS-1CH / CS-1DU Chairman Unit / Delegate Unit

**Model:** CS-1CH / CS-1DU  
**Headphone output**  
**Output level:**  
-8dBV / +2 dBV (nominal / maximum)  
**Output Impedance:** 22Ω

**System limits Number of delegate / chairman units connected to one control unit**  
**Maximum in total:** 50  
**Maximum per trunk output:** 25  
**Maximum trunk length using CS-1:**  
standard cabling: 100m  
**Dimensions (HxWxD):**  
360 mm \* 150 mm \* 90 mm  
**Weight:** 1745 grams

**Gooseneck Microphone**  
**Type:** Back Electret Condenser  
**Frequency Response:** 50 ~ 18,000 Hz  
**Polar Pattern:** Cardioid  
**Max. SPL for 1% THD:** 125dB  
**Gooseneck Length:** 12 "(305mm)  
**Dimensions (HxWxD) without mic:**  
170 mm \* 115 mm \* 65 mm  
**Length of mic:** 400 mm  
**Weight:** 1100 grams

### CS-1DUF/CS-1CHF Delegate Unit / Chairman Unit 2018 New

CS-1DUF is a flush mount version of CS-1DU  
CS-1CHF is a flush mount version if CS-1CH

**Model:** CS-1CHF / CS-1DUF  
**System limits Number of delegate / chairman units connected to one control unit**  
**Maximum in total:** 50  
**Maximum per trunk output:** 25  
**Maximum trunk length using CS-1:**  
standard cabling: 100M  
(Trunk1:50M+ Trunk2:50M)  
**Dimensions (HxWxD) with Mic:**  
501mm\*111.3 mm\*45.3mm  
**Dimensions (HxWxD) without Mic:**  
85.2mm\*111.3mm\*45.3 mm  
**Weight:** CS-1CHF: 343 g (with Mic)  
CS-1DUF: 338 g (with Mic)

**Gooseneck Microphone**  
**Type:** Back Electret Condenser  
**Frequency Response:** 50 ~ 18,000 Hz  
**Polar Pattern:** Cardioid  
**Max. SPL for 1% THD:** 125dB  
**Length of Mic:** 422mm  
**Weight:** 84g



#### D7PDM-1/D7P-10 / D7P-20

Din 7 pin XLR-M/XLR-M / Din 7 pin XLR-F/XLR-M  
Length: 1M / 10M / 20M

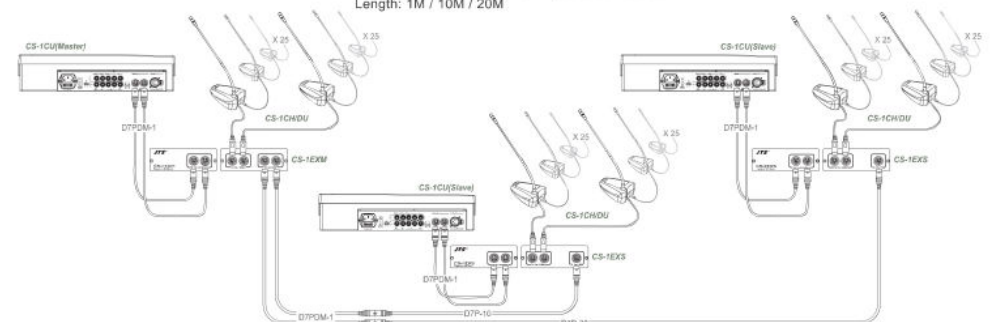
### CS-1EXM / CS-1EXS Expansion Kit

CS-1 expansion kit, combined with D7PDM-1 extension cables, can expand the number of using units of I-conference discussion system from 50 to 150 by adding maximum two additional CS-1CU functioning as power supply units only.

The system is controlled by the master CS-1CU unit.

Using D7P-10 or D7P-20 extension cables to extend the operation distance.

**Input:** 7-pin DIN Connector  
**Output:** 7-pin DIN Connector  
**Dimension (mm):**  
115mm (W)\*65mm (D)\*38mm (H)



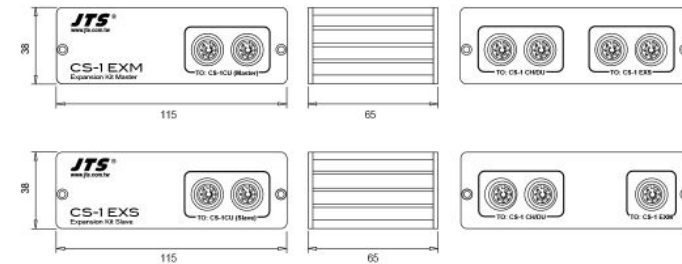


# CS-1EXM / CS-1EXS

## Expansion Kit

CS-1 expansion kit, combined with D7PDM-1 extension cables, can expand the number of using units of i-conference discussion system from 50 to 150 by adding maximum two additional CS-1CU functioning as power supply units only.  
The system is controlled by the master CS-1CU unit.  
Using D7P-10 or D7P-20 extension cables to extend the operation distance.

Input..... 7-pin DIN Connector  
Output..... 7-pin DIN Connector  
Dimension(mm) 115mm(W)\* 65mm(D)\* 38mm(H)



## D7P-10 / D7P-20

### Extension Cable

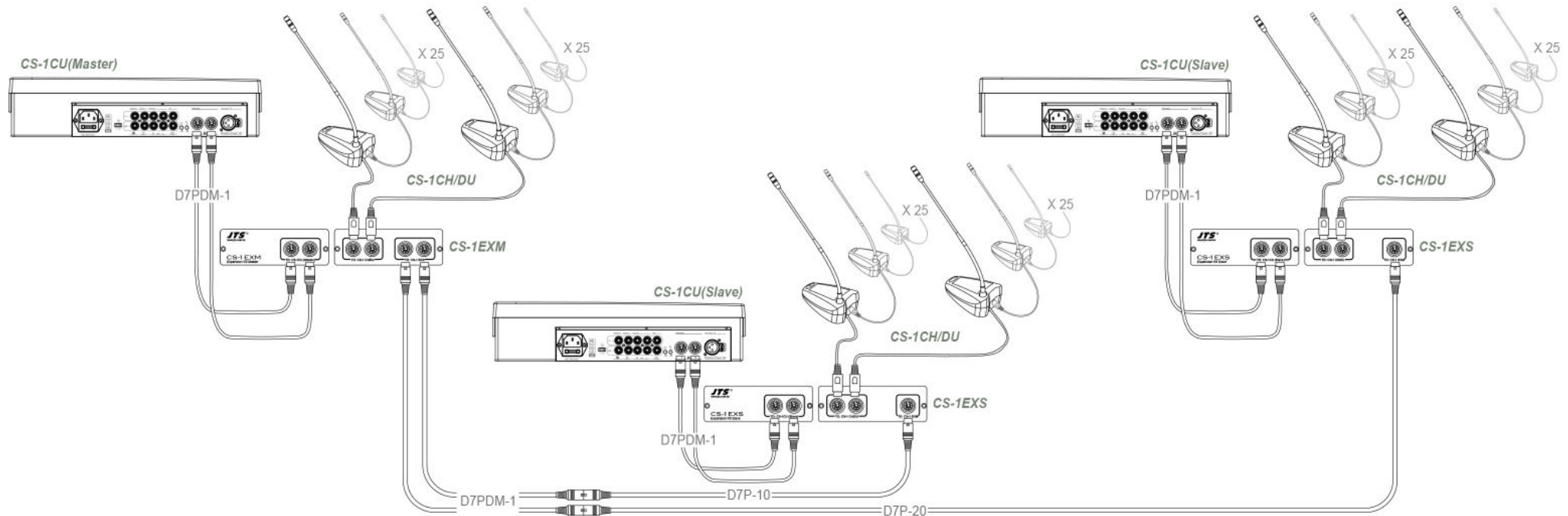
Din 7 pin XLR-F / XLR-M  
Length: 10 / 20 M



## D7PDM-1

### Extension Cable

Din 7 pin XLR-M / XLR-M  
Length: 1 M





## CS-8

### Automatic Microphone Mixer

The CS series microphone automatic mixers provide great convenience to sound reinforcement installation with any size and any combination. Full feature design includes

- \* Daisy-chain with unlimited number of the mixer
- \* Three operation modes: one-channel-at-a time, all active or override
- \* Switchable inputs accept microphones or line level devices
- \* Switchable output levels between mic. and line level
- \* Individual gain control and phantom power for each channel
- \* Last In stays on for continuous ambience sound
- \* Control voltage provided to trigger external device such as speaker switching and camera switching

The outstanding performance enables effective managing of multi-microphone installations including corporate boardrooms, conference rooms, government builds, houses of worship, classrooms.

Input  
Type..... XLR  
Mic..... 4.7KΩ  
Line..... 20KΩ

Output  
Type..... XLR  
Mic..... 300Ω  
Line..... 200Ω

MAX Output Level.... >17dB  
MAX Gain..... >70dB  
Frequency Respond 35~20,000 Hz  
THD%..... <0.06%  
Signal-to-noise ratio >70 dB  
Input Attenuation..... -50dB  
Phantom Power..... +48V  
Mic In Attenuation... -10dB / -20dB  
Mic Attenuation..... -10dB / -15dB / -20dB  
Output Attenuation... -50dB  
Voltage Output..... +4VDC ±0.3V  
Power Supply..... 18VDC, 1A  
Power Consumption 13.5W  
Fuse..... T0.5AE 250V (Slow-Blow)  
Weight..... 2.25 kg  
Dimensions..... 420mm(W)\*44mm(H)\*198.5mm(D)



## CS-4

### Automatic Microphone Mixer

Power Supply..... 16VDC, 100mA (The attached adapter, 12V, 600mA, isn't full-loaded, so it can provide enough voltage +16VDC to the Automatic mixer.)  
Power Consumption..... 4.6 Watt (include Adapter)  
Fuse..... T0.5AE 250V

Impedance  
Input  
Type..... XLR  
Mic..... 4.7KΩ  
Line..... 20KΩ

Output  
Type..... XLR  
Mic..... 300Ω  
Line..... 200Ω

Maximum Output Level  
Line..... >+19 dB  
Maximum Gain..... ≥70dBm

Internal Controls  
Mic/Line attenuation..... -50dB  
Phantom Power..... +12V  
Pad..... -10dB  
MIC Attenuation..... -10dB, -15dB, -20dB  
Output Attenuation..... -50dB

Frequency Response..... 35~20,000Hz ±2dB  
THD% Input(1 KHz -50dB) <0.06%  
Signal-To-Noise Ratio..... >70dBm  
Voltage Output..... +4VDC±0.3V  
Weight..... 1.41 kg  
Dimensions..... 212mm(W)\*44mm(H)\*212mm(D)



## D8P-1

### Extension Cable

Din 8 Pin Male/Male Cable  
Length: 0.8 M

