



CONFERRING 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 Respond: 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 attendees.

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 * 680K (± 2%)



CS-1CU



CS-1CH CS-1DU

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

Goose-neck Microphone
Type: Back Electret Condenser
Frequency Response: 50 ~ 18,000 Hz
Polar Pattern: Cardioid
Max. SPL for 1% THD: 125dB
Goose-neck 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

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
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)

Goose-neck 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.

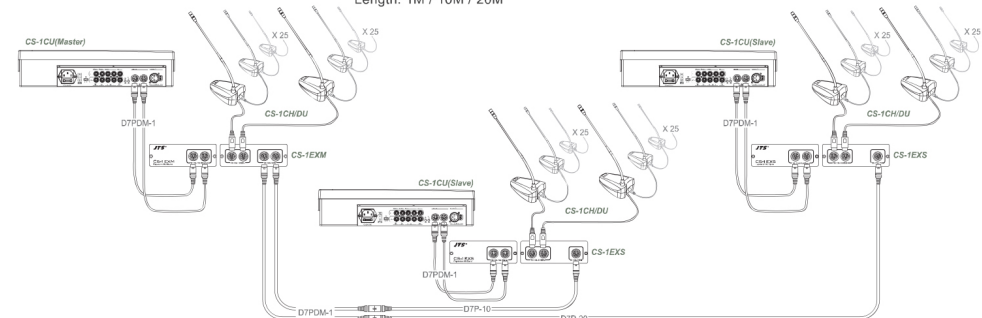
The system is controlled by the master CS-1CU unit.
Using D7P-10 or D7P-20 extension cables to extend the operation distance.

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



CS-1EXS

CS-1EXM

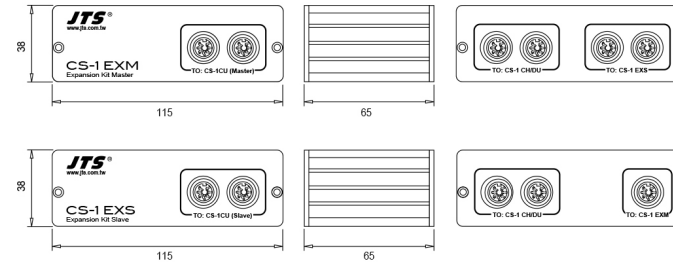


CS-1EXM / CS-1EXS

Expansion Kit

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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

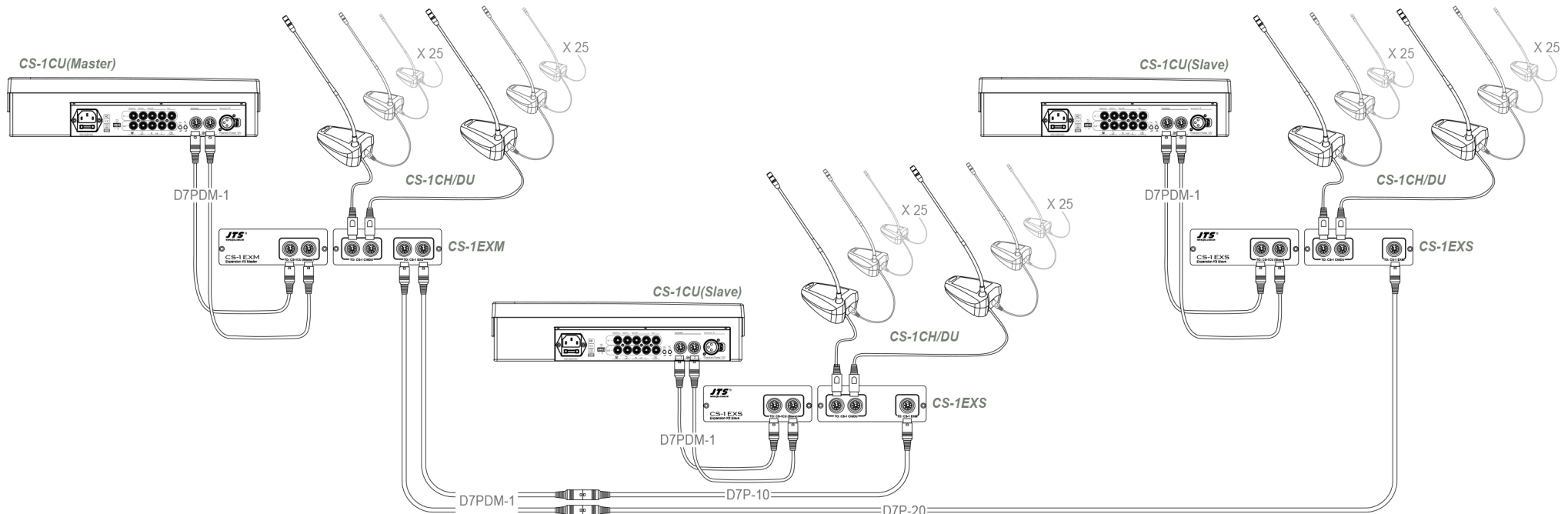
Din 7 pin XLR-F / XLR-M
Length: 10 / 20 M



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

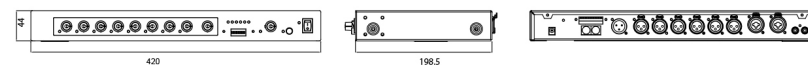
- * Daisy-chain with unlimited number of the mixer
- * Three operation modes: one-channel-at-a time, all active or override
- * Switchable inputs accept microphones or line level devices
- * Switchable output levels between mic. and line level
- * Individual gain control and phantom power for each channel
- * 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

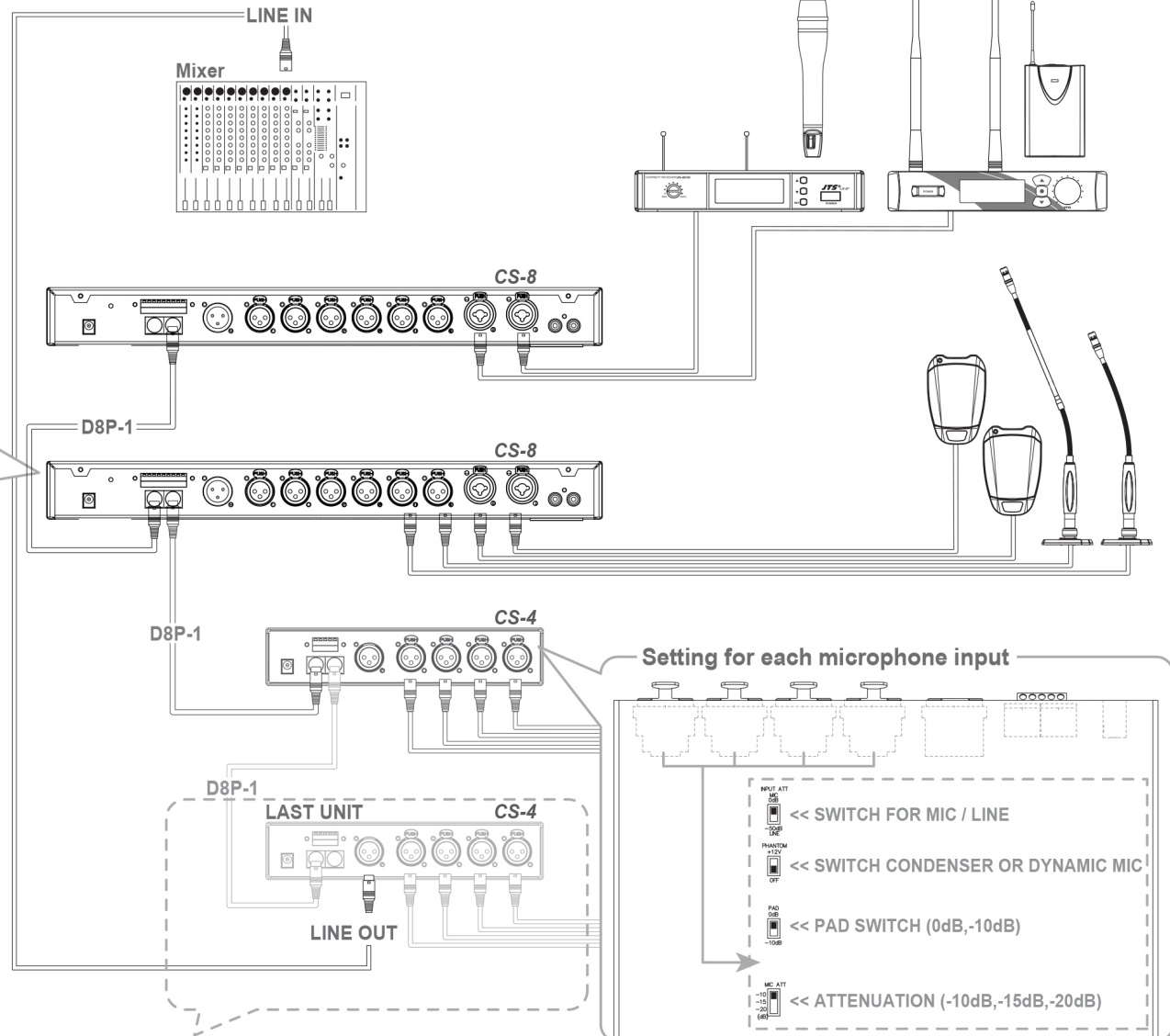
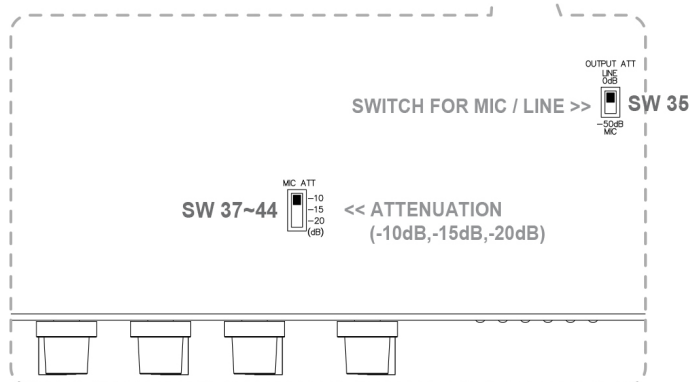
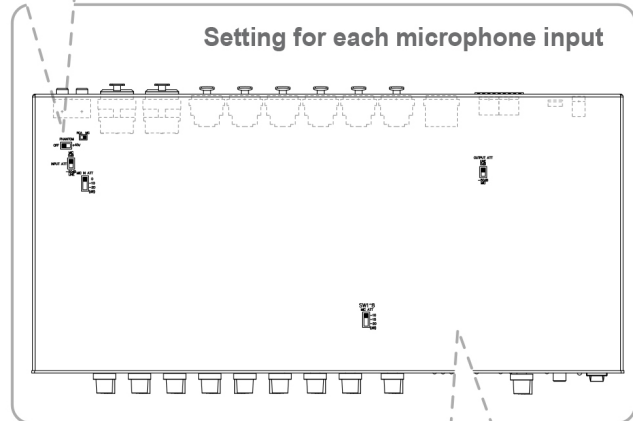
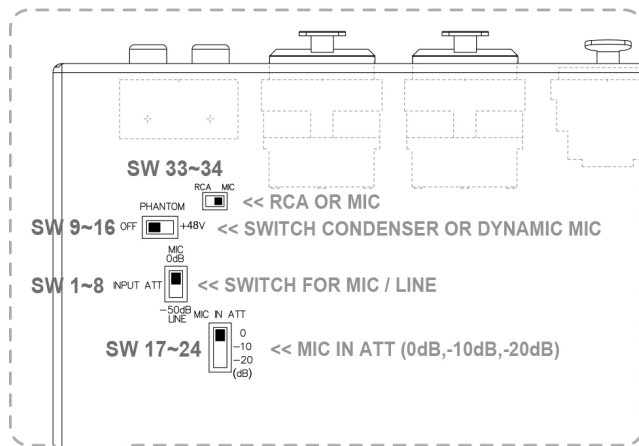
Frequency Response..... 35~20,000Hz ±2dB
 THD% Input(1 KHz -50dB) <0.06%
 Signal-To-Noise Ratio..... >70dBm
 Voltage Output..... +4VDC±0.3V
 Weight..... 1.41 kg
 Dimensions..... 212mm(W)*44mm(H)*212mm(D)



D8P-1

Extension Cable

Din 8 Pin Male/Male Cable
 Length: 0.8 M



Master volume control is assigned to the last unit in the whole installation.