

TAIDEN®

Fully Digital Congress System



Excellent solutions for conferences

HCS-4100/50 Series Fully Digital Congress System

General

HCS-4100/50 Fully Digital Congress System, based on Taiden's proprietary MCA-STREAM (Multi-Channel-Audio Stream) digital processing and transmitting technologies, revolutionizes conference systems by introducing fully digital technology and network technology and integrating them seamlessly with audio technology. The system also provides diversified software modules and an abundant supply of conference equipment, and seamlessly integrates conference sign-in system and network central control system. Its comprehensive and efficient conference solutions have set the benchmark in the industry by tailoring to unique and evolving demands of its users.



UN General Assembly Hall



2016 ASEM Summit

Features

- Compliant to IEC 60914
- "Closed Loop-Daisy Chain" connection ensuring an easy installation and uninterrupted meeting flow with dual backup
- Proprietary MCA-STREAM technology used to transmit fully digital audio between congress units as well as between congress units and main unit(s)
- Audio sampling of 48 kHz and all 64 channels perfectly reproducing audio frequencies between 30 Hz and 20 kHz
- Separate adjustment of gain and EQ of each microphone for the perfect sound
- Automatic system recovery and "PnP (plug and play)"
- Independent operation from computer for discussion, voting and 1+63 channels of interpretation
- Comprehensive solutions with various models to meet unique demands of meeting organizers
- Highly flexible and extensible software modules
- Easy integration with peripheral equipment such as video-tracking system and network central control system
- Excellent immunity to RF interferences from mobile phones



2016 G20 Hangzhou Summit

Technical Specifications

Frequency response 30 Hz ~ 20 kHz
 SNR >96 dBA
 Dynamic range >94 dB
 Isolation >85 dB
 THD <0.05%

Max. audio inputs

LINE IN 1 +10 dBu, BAL.
 LINE IN 2 +10 dBu, UNBAL.

Max. audio outputs

LINE OUT 1 +20 dBu, BAL.
 LINE OUT 2 +20 dBu, UNBAL.

Headphones

Frequency response 30 Hz ~ 20 kHz
 Load impedance >16 Ohm
 Output 13 mW

Microphone

Transducer Electret-condenser
 Sensitivity -46 dBV/Pa
 Frequency response 50 Hz ~ 20 kHz
 Input impedance 2 k Ohm
 Directivity 0°/180° > 20 dB (1 kHz)
 Equivalent noise 20 dBA (SPL)
 Max. SPL 125 dB (THD<3%)

HCS-4890/50 Series Fully Digital Congress Units

- Exquisite and sleek 4.3" touchscreen
- Intuitive control and follow of the meeting flow
- Informative display of meeting proceedings: delegate profile, speaking list, speech timing, voting, simultaneous interpretation, service etc.
- Transmitting up to 64 CHs digital audio signals, all 64 channels perfectly reproducing audio frequencies between 30 Hz and 20 kHz
- 64 CHs×2 interpretation with independent volume control
- Easy configuration of VIP or delegate unit negating the need to change the hardware
- Delegate unit with dual microphone buttons allowing for dual predefined camera positions and Ids
- Dimensions (h×w×d, microphone not included): 59 mm×216 mm×106 mm
- Weight (stem included): 1.0 kg



Function list

Model No.	Type	Speech	Voting	SI	4.3"touchscreen	Contactless IC Card	Loudspeaker
HCS-4890CVS/50	Chairman	●	3-key	64 CHs×2	●	●	●
HCS-4890DVS/50	Delegate	●	3-key	64 CHs×2	●	●	●
HCS-4890DS/50	Delegate	●		64 CHs×2	●		●
HCS-4890C/50	Chairman	●			●		●
HCS-4890D/50	Delegate	●			●		●
HCS-4890DDS/50	Dual delegates	●		64 CHs×2	●		●



HCS-4891/50 Series Fully Digital Congress Units

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- Transmitting up to 64 CHs digital audio signals, all 64 channels perfectly reproducing audio frequencies between 30 Hz and 20 kHz
- 64 CHs×2 interpretation with independent volume control
- Easy configuration of VIP or delegate unit negating the need to change the hardware
- Delegate unit with dual microphone buttons allowing for dual predefined camera positions and IDs

-  Microphone activated
-  Chairman priority
-  Conference service



HCS-4891R/50 Series



HCS-4891/50 Series

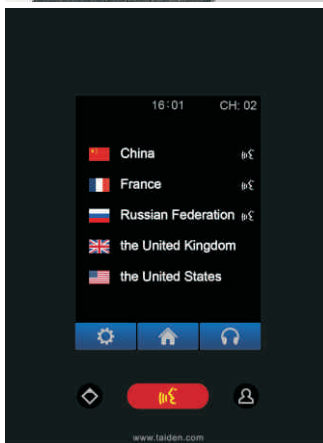
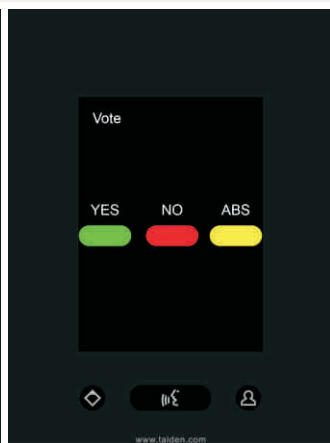
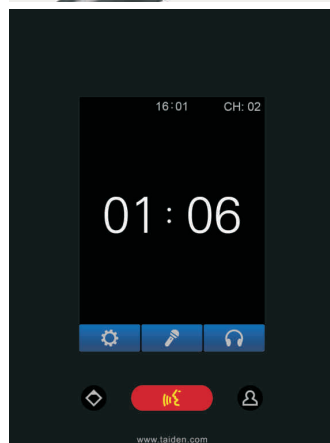
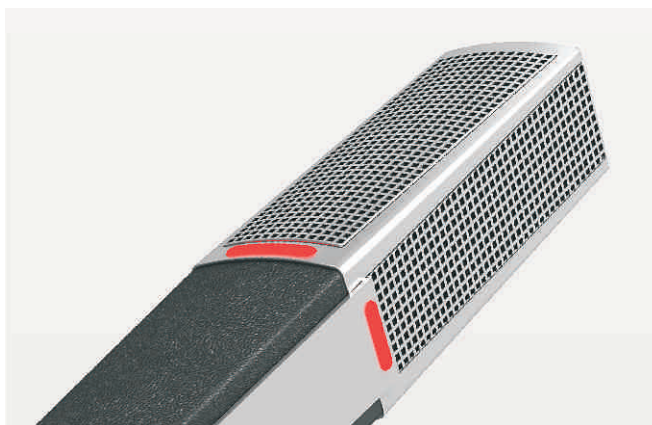


HCS-4891R/50 Series

Intuitive
Informative
Interactive

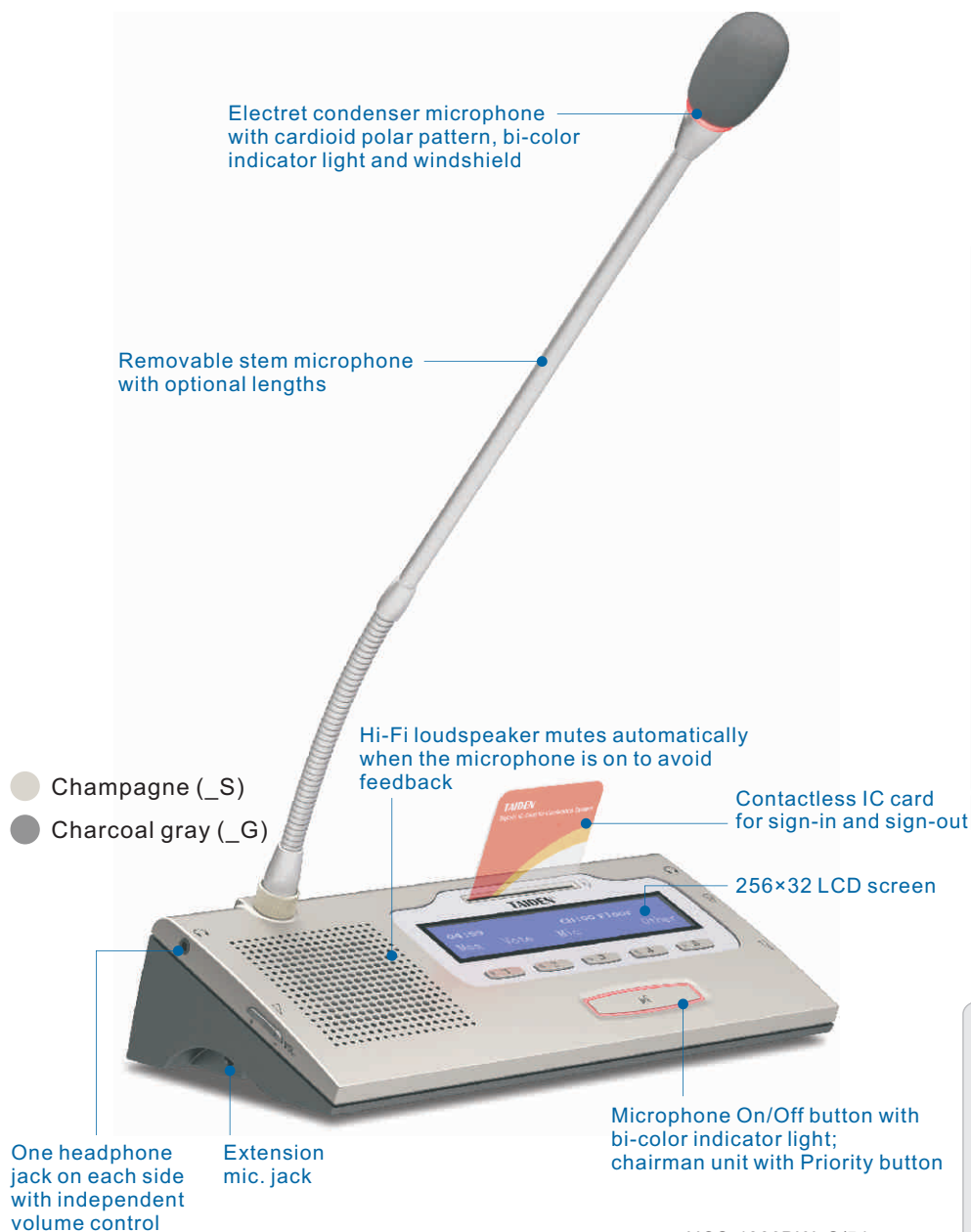
Function list

Model No.	Type	Voting	SI	4.3"touchscreen	Base Dimensions (h×w×d,mm)	Weight (kg)
HCS-4891CVS/50	Chairman	3-key	64 CHs×2	●	68×99×145	1.0
HCS-4891DVS/50	Delegate	3-key	64 CHs×2	●		
HCS-4891DS/50	Delegate		64 CHs×2	●		
HCS-4891C/50	Chairman			●		
HCS-4891D/50	Delegate			●		
HCS-4891DDS/50	Dual delegates		64 CHs×2	●		1.4
HCS-4891RCVS/50	Chairman	3-key	64 CHs×2	●		
HCS-4891RDVS/50	Delegate	3-key	64 CHs×2	●		
HCS-4891RDS/50	Delegate		64 CHs×2	●		
HCS-4891RC/50	Chairman			●		
HCS-4891RD/50	Delegate			●		



HCS-4886/54 Series Fully Digital Congress Units

- Elegant and ergonomic tabletop design
- Transmitting up to 64 CHs digital audio signals, all 64 channels perfectly reproducing audio frequencies between 30 Hz and 20 kHz
- LCD display of discussion and voting status, short message, menu and language
- Intercom channel allowing communication between chairman, delegate, interpreter and operator
- Initiating voting via the chairman unit without a PC
- Dedicated software module for more forms of voting
- Priority button on the chairman unit to turn on, turn off/mute the active delegate unit
- Stem microphone: 240 mm, 330 mm, 410 mm (default), 470 mm
- Dimensions (h×w×d, stem not included): 66 mm×251 mm×121 mm
- Weight (stem included): 1.5 kg



HCS-4888DE_G/54



Function list

Model No.	Type	Speech	Voting	Contactless IC Card	SI	256x32 LCD	E-ink Nameplate Connection
HCS-4886CW/54	Chairman	●	●	●	●	●	
HCS-4886CWN/54	Chairman	●	●	●	●	●	●
HCS-4886DW/54	Delegate	●	●	●	●	●	
HCS-4886DWN/54	Delegate	●	●	●	●	●	●
HCS-4887DW/54	Delegate	●	●	●		●	
HCS-4888DE/54	Delegate	●	●				
HCS-4886NX/54	Operator	Intercom only			●	●	



2015 IMF-World Bank Annual Meetings



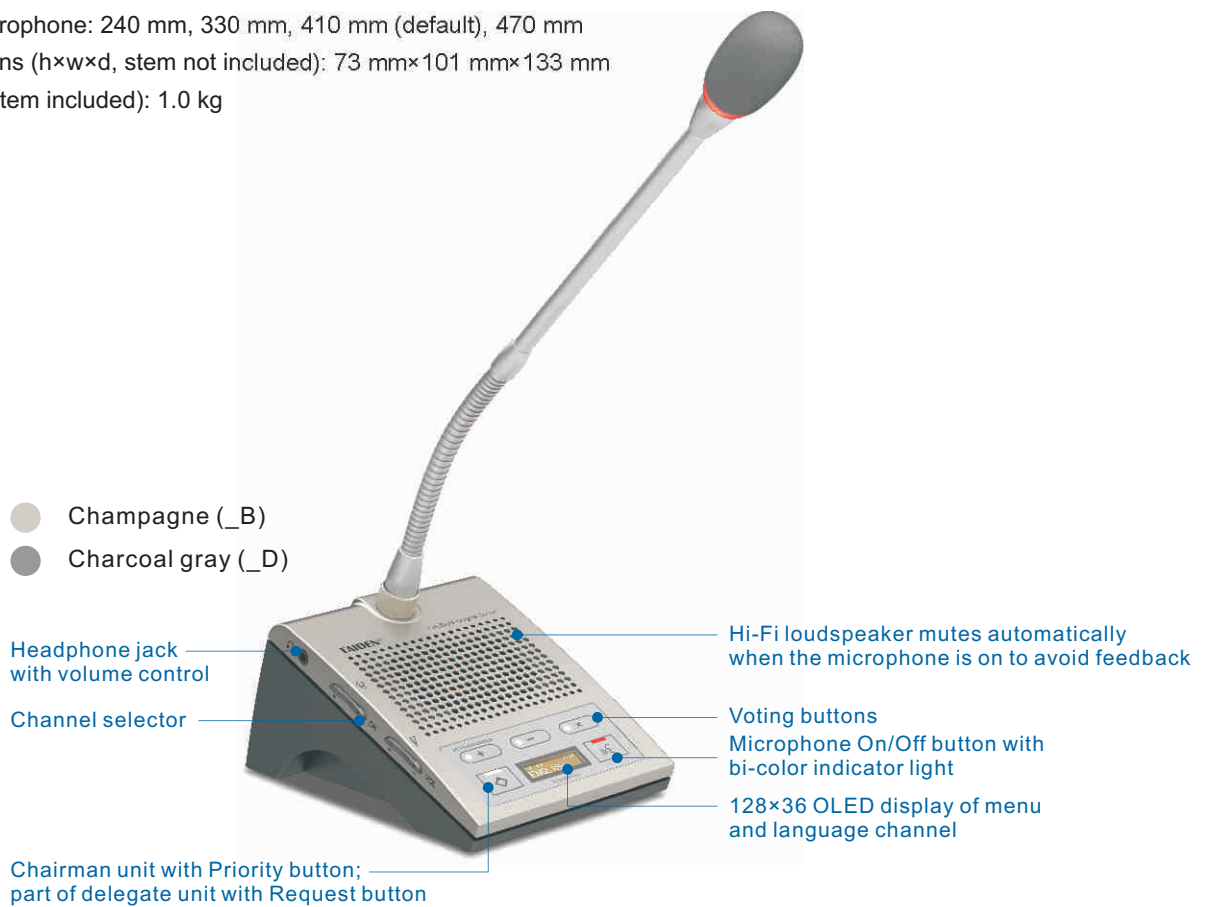
2014 ITU Plenipotentiary Conference



2015 Xiangshan Forum

HCS-4338N/50 Series Fully Digital Congress Units

- Exquisite and delicate tabletop design for ease of use and transport
- Cable coming out of the base for a tidier wiring
- Water resistant and noise-free buttons with long service life
- OLED screen with high brightness and contrast, wide viewing angle and low power consumption
- Transmitting up to 64 CHs digital audio signals, all 64 channels perfectly reproducing audio frequencies between 30 Hz and 20 kHz
- Intercom channel allowing communication between chairman, delegate, interpreter and operator
- Dedicated software module for more forms of voting
- Priority button on the chairman unit to turn on, turn off/mute the active delegate unit
- Delegate unit with dual channel selectors allowing for dual predefined camera positions and IDs
- Stem microphone: 240 mm, 330 mm, 410 mm (default), 470 mm
- Dimensions (h×w×d, stem not included): 73 mm×101 mm×133 mm
- Weight (stem included): 1.0 kg



HCS-4338NCVS_B/50



Shanghai Cooperation
Organization Summit 2015



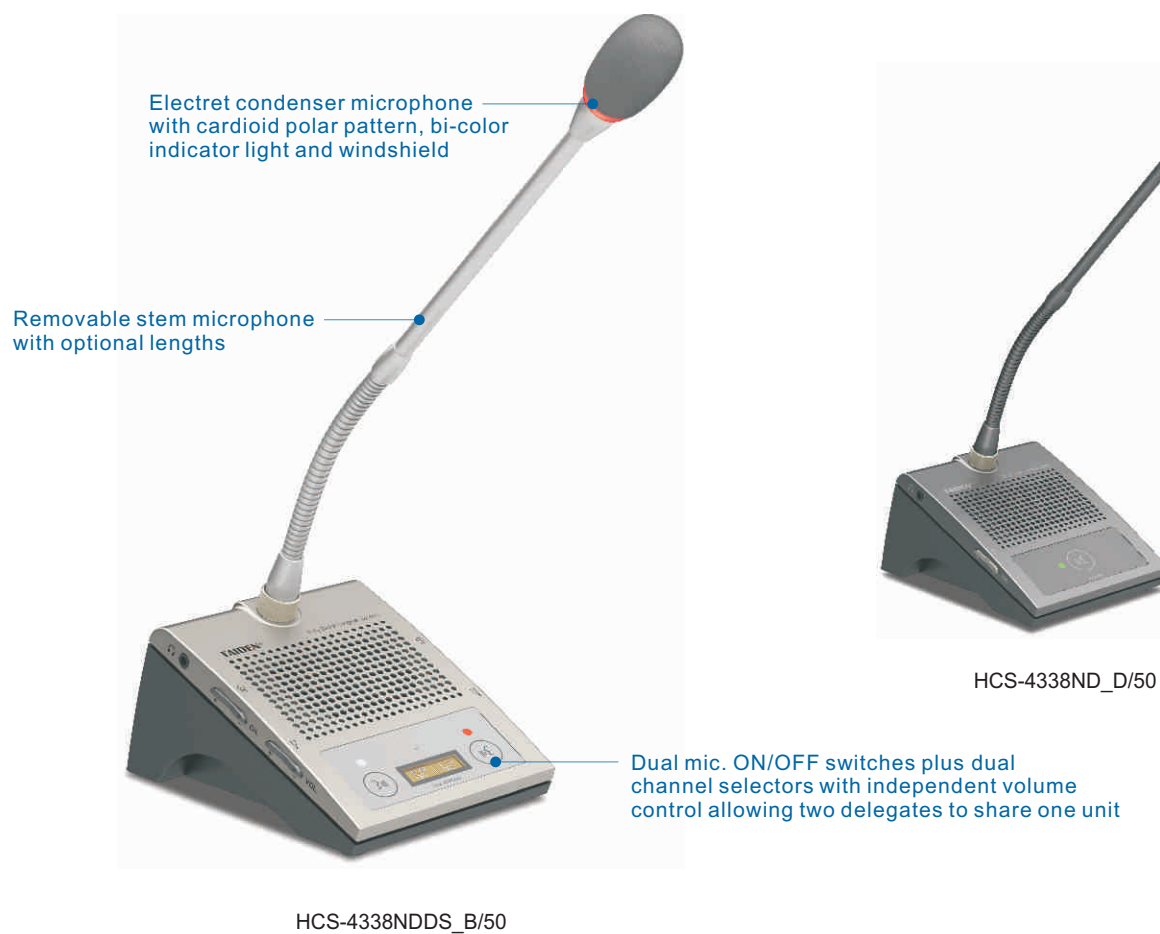
2014 APEC Summit



The 1st Lancang-Mekong
Cooperation Leaders' Meeting

Function list

Model No.	Type	Speech	Voting	SI	OLED
HCS-4338NCVS/50	Chairman	●	●	●	●
HCS-4338NDVS/50	Delegate	●	●	●	●
HCS-4338NCS/50	Chairman	●		●	●
HCS-4338NDS/50	Delegate	●		●	●
HCS-4338NDV/50	Delegate	●	●		●
HCS-4338NC/50	Chairman	●			
HCS-4338ND/50	Delegate	●			
HCS-4338NDDS/50	Dual delegates	●		64 CHs x 2	●



HCS-4860/65/66 Series Fully Digital Congress Units

- Sedate metal tabletop design
- Multiple microphone options for various meeting demands
- OLED screen with high brightness and contrast, wide viewing angle and low power consumption
- Transmitting up to 64 CHs digital audio signals, all 64 channels perfectly reproducing audio frequencies between 30 Hz and 20 kHz
- Dedicated software module for more forms of voting
- Priority button on the chairman unit to turn on, turn off/mute the active delegate unit
- Chairman unit with approval button to approve speaking requests
- Base dimensions (h×w×d, microphone not included): 64 mm×115 mm×123 mm
- Weight: HCS-4860/50: 1.0 kg; HCS-4865/50: 0.8 kg; HCS-4866/50: 0.7 kg



HCS-4860CV_B/52

Function list

Model No.	Type	Speech	Voting	SI	OLED
HCS-4860CVE/50 HCS-4865CVE/50 HCS-4866CVE/50	Chairman	●	●		
HCS-4860DVE/50 HCS-4865DVE/50 HCS-4866DVE/50	Delegate	●	●		
HCS-4860CS/50 HCS-4865CS/50 HCS-4866CS/50	Chairman	●		●	●
HCS-4860DS/50 HCS-4865DS/50 HCS-4866DS/50	Delegate	●		●	●
HCS-4860C/50 HCS-4865C/50 HCS-4866C/50	Chairman	●			
HCS-4860D/50 HCS-4865D/50 HCS-4866D/50	Delegate	●			



HCS-4866 Series



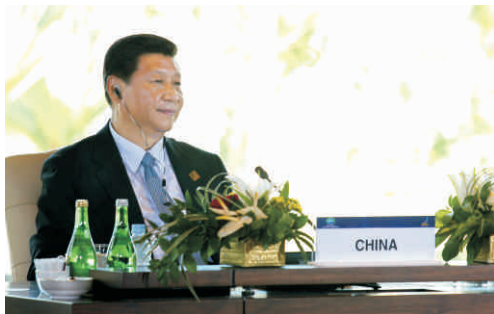
HCS-4865 Series



2016 G20 Hangzhou Summit

HCS-4330/31/32/33/35 Series Fully Digital Congress Units

- Elegant and ergonomic tabletop design
- Transmitting up to 64 CHs digital audio signals, all 64 channels perfectly reproducing audio frequencies between 30 Hz and 20 kHz
- Dedicated software module for more forms of voting
- Priority button on the chairman unit to turn on, turn off/mute the active delegate unit
- Delegate unit with dual channel selectors allowing dual predefined camera positions
- Stem microphone: 240 mm, 330 mm, 410 mm (default), 470 mm
- Weight (stem included): 0.7 kg



2013 APEC Summit

Function list

Model No.	Type	Speech	Voting	Touched IC Card	SI	Speech Timer	Request-to-speak indicator	Dimensions (h×w×d, mm)
HCS-4330CE/50	Chairman	●	●	●	●			59×157×112
HCS-4330DE/50	Delegate	●	●	●	●			
HCS-4331CB/50	Chairman	●			●	●		61×156×125
HCS-4331DB/50	Delegate	●			●	●		
HCS-4332DE/50	Delegate	●	●					59×157×112
HCS-4333CB/50	Chairman	●				●	●	61×156×125
HCS-4333DB/50	Delegate	●				●	●	
HCS-4335D/50	Dual delegates	●			64 CHs x 2			



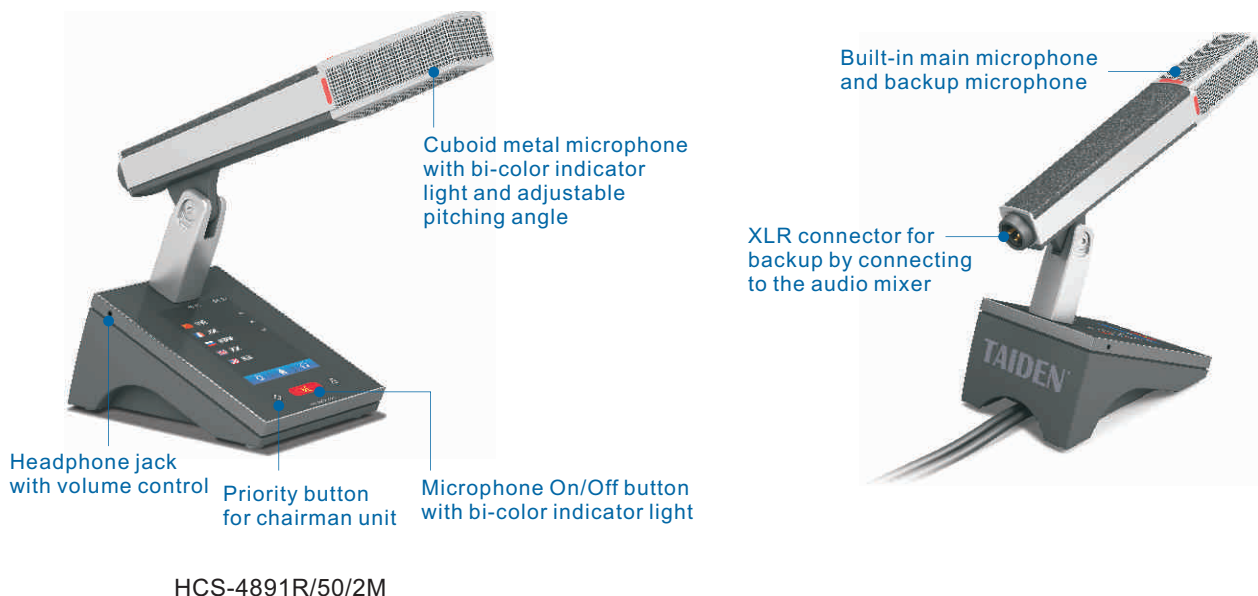
Fully Digital Congress Unit with Dual Backup Microphone

Congress unit with dual backup microphone features a built-in electret main microphone and an isolated backup microphone both with hypercardioid polar pattern. The backup microphone is driven by phantom power and connected to audio mixer via XLR connector. In case the main microphone system malfunctions, the backup microphone system can take over to ensure an uninterrupted meeting flow.

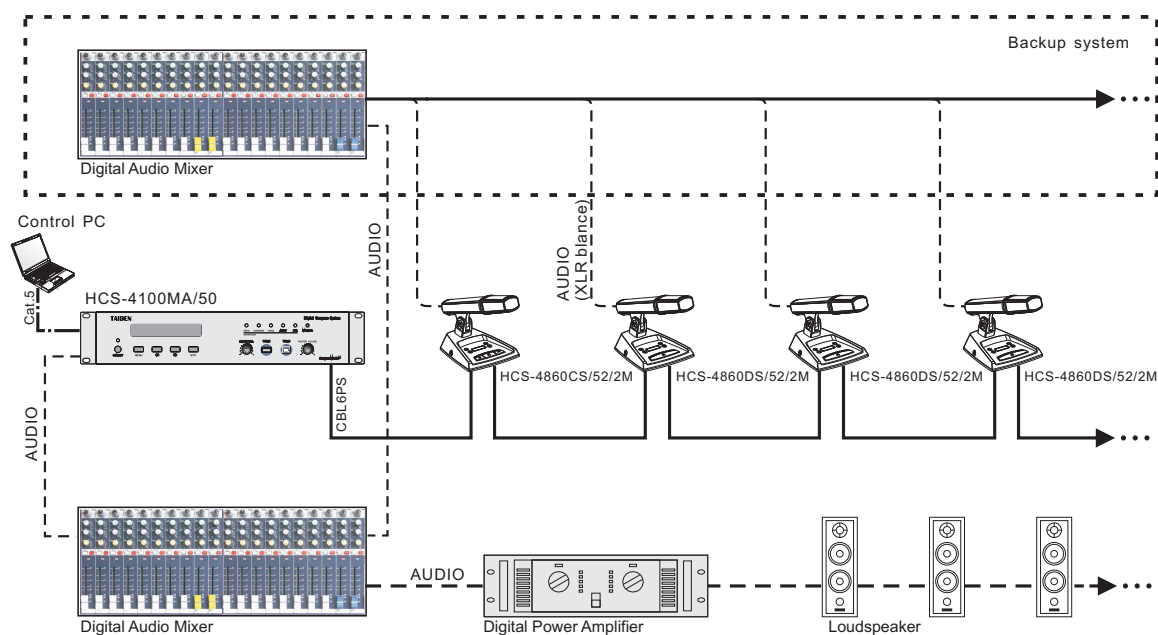
HCS-4860/52/2M Series



HCS-4891R/50/2M Series



Dual backup microphone solution for high-end congress

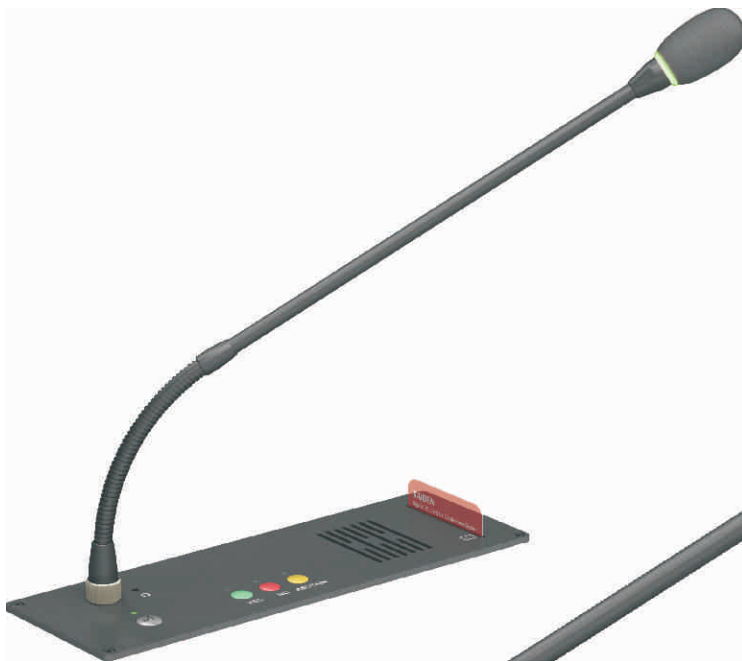


Function list

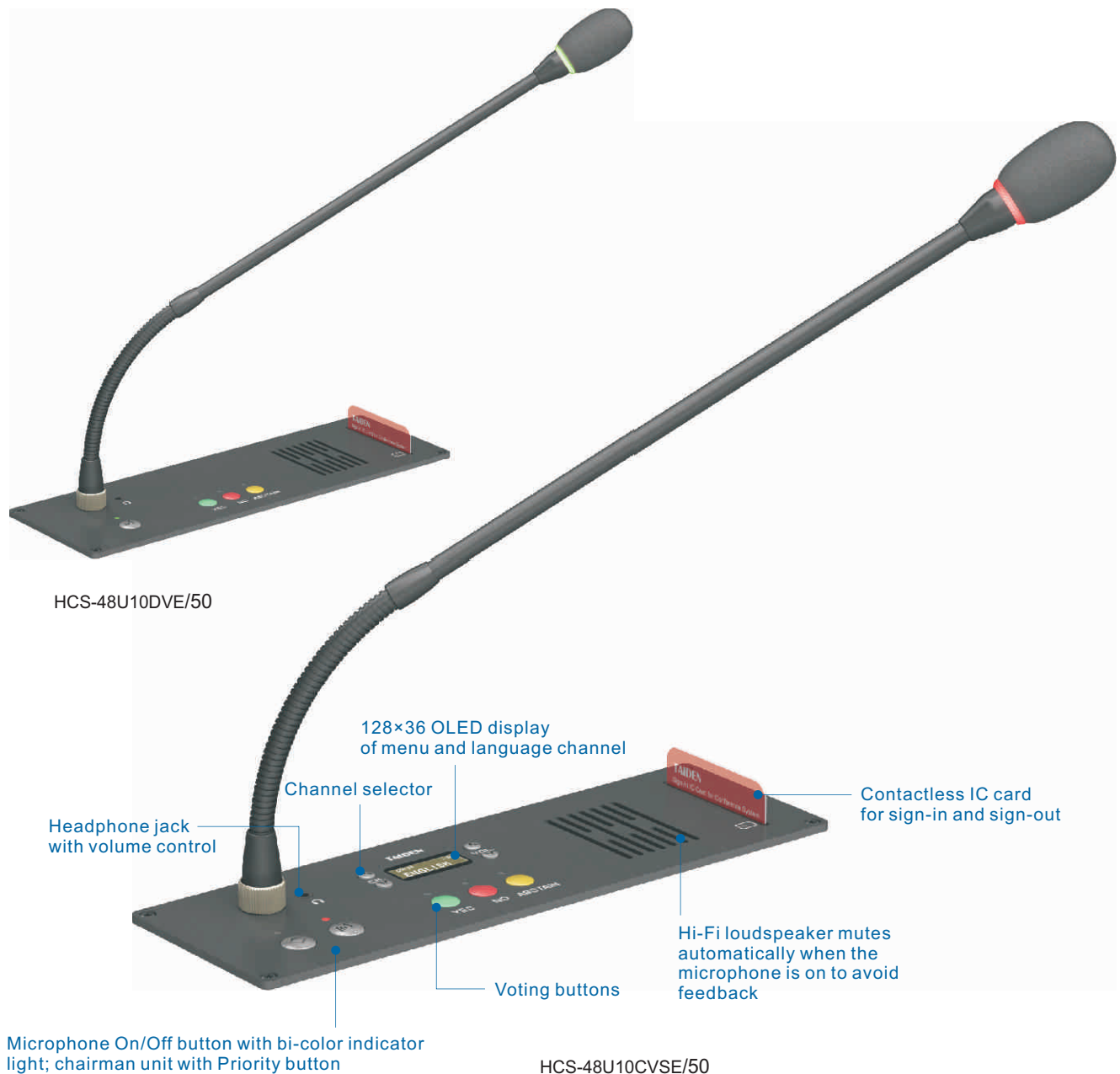
Model No.	Type	Main Mic. & Backup Mic.	Voting	SI	Screen	Base Dimensions (h×w×d, mm)	Weight (kg)
HCS-4860CS/52/2M	Chairman	●		64 CHs	OLED	73×101×133	1.0
HCS-4860DS/52/2M	Delegate	●		64 CHs	OLED		
HCS-4860C/52/2M	Chairman	●					
HCS-4860D/52/2M	Delegate	●					
HCS-4891RCVS/50/2M	Chairman	●	3-key	64 CHs×2	4.3" touchscreen	68×99×145	1.5
HCS-4891RDVS/50/2M	Delegate	●	3-key	64 CHs×2	4.3" touchscreen		
HCS-4891RDS/50/2M	Delegate	●		64 CHs×2	4.3" touchscreen		
HCS-4891RC/50/2M	Chairman	●			4.3" touchscreen		
HCS-4891RD/50/2M	Delegate	●			4.3" touchscreen		

HCS-48U10 Series Fully Digital Congress Units

- Perfectly fit flush-mounting design and exquisite metal panel
- Transmitting up to 64 CHs digital audio signals, all 64 channels perfectly reproducing audio frequencies between 30 Hz and 20 kHz
- OLED screen with high brightness and contrast, wide viewing angle and low power consumption
- Intercom channel allowing communication between chairman, delegate, interpreter and operator
- Dedicated software module for more forms of voting
- Priority button on the chairman unit to turn on, turn off/mute the active delegate unit
- Delegate unit with dual channel selectors allowing for dual predefined camera positions and IDs
- Stem microphone: 240 mm, 330 mm, 410 mm (default), 470 mm
- Dimensions (h×w×d, stem not included): 72 mm×245 mm×80 mm
- Weight (stem included): 0.8 kg



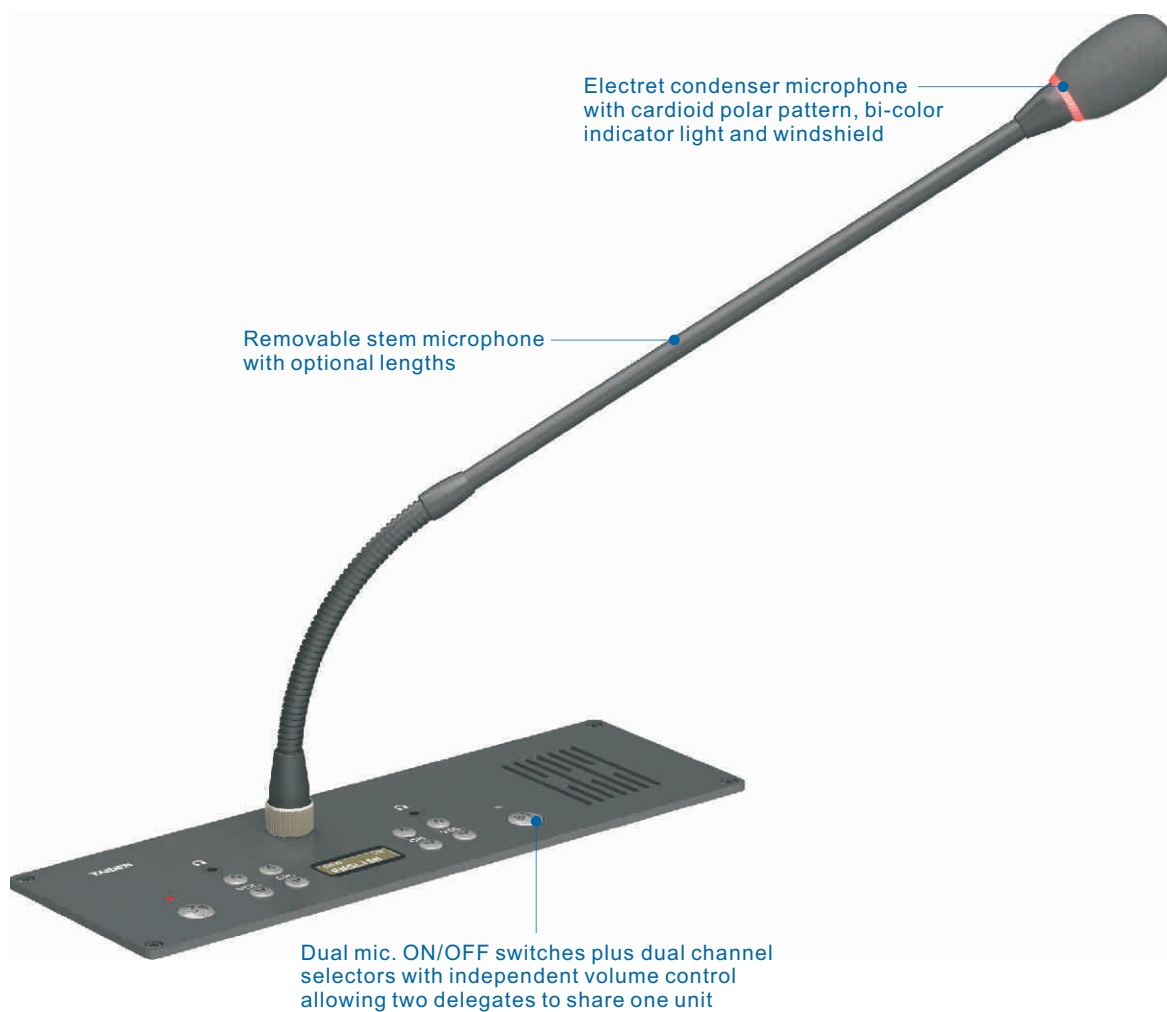
HCS-48U10DVE/50



HCS-48U10CVSE/50

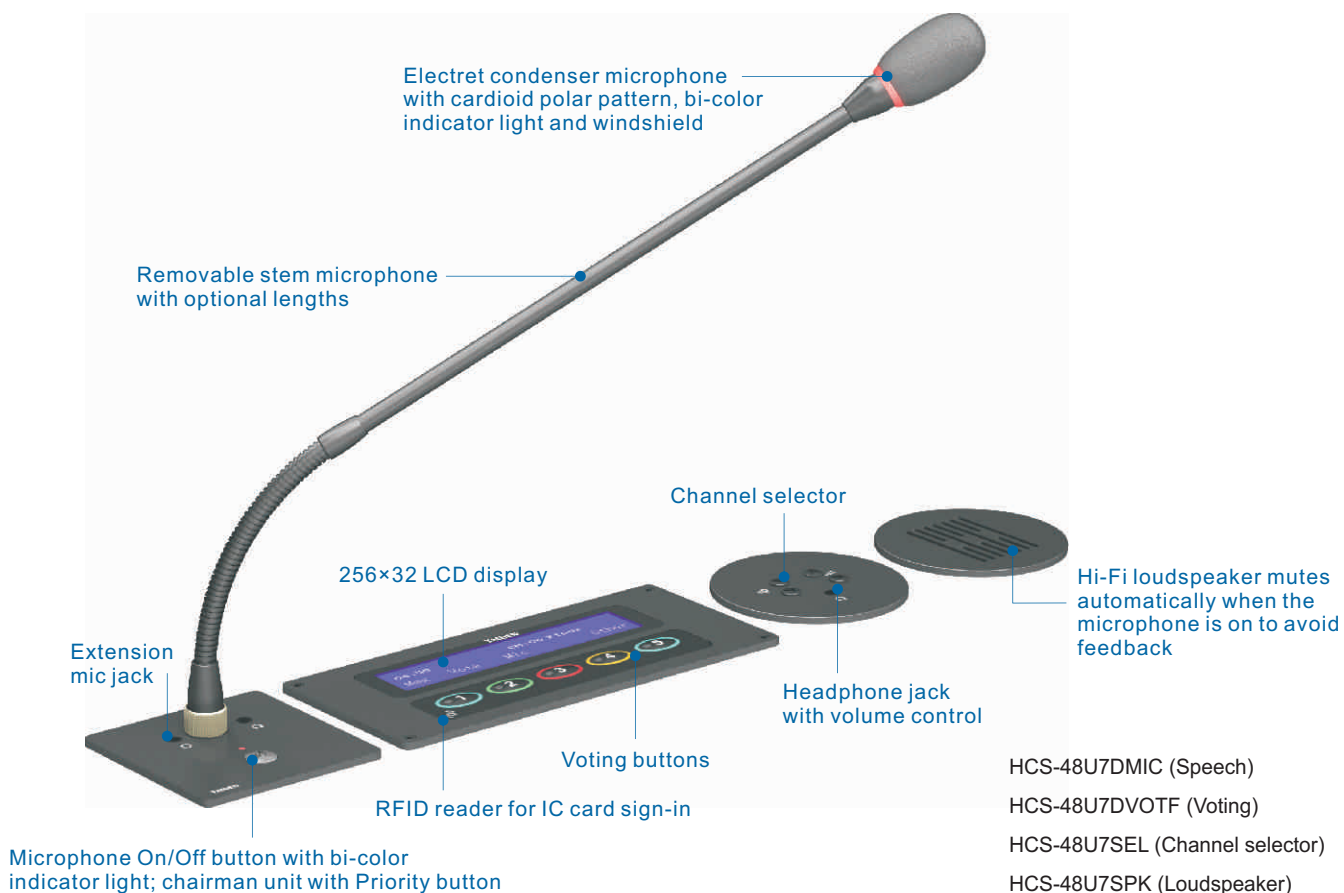
Function list

Model No.	Type	Speech	Voting	Contactless IC Card	SI	OLED	E-ink Nameplate Connection
HCS-48U10CVSE/50	Chairman	●	●	●	●	●	
HCS-48U10CVSNE/50	Chairman	●	●	●	●	●	●
HCS-48U10DVSE/50	Delegate	●	●	●	●	●	
HCS-48U10DVSNE/50	Delegate	●	●	●	●	●	●
HCS-48U10DVE/50	Delegate	●	●	●			
HCS-48U10DS/50	Delegate	●			●	●	
HCS-48U10DDS/50	Dual delegates	●			64 CHs x 2	●	



HCS-48U10DDS/50

HCS-48U7 Series Fully Digital Congress Units



Function list

Model No.	Type	Speech	Voting	SI	256x32 LCD	E-ink Nameplate Connection	Connection	Dimensions (h×w×d,mm)
HCS-48U7CMIC	Chairman	●					HCS-48U7VOTF or HCS-4340U needed	72×245×80 (stem not included)
HCS-48U7DMIC	Delegate	●						
HCS-48U7CVOTF	Chairman		●		●		Can be used independently	38×185×80
HCS-48U7CVOTFN/52	Chairman		●		●	●		
HCS-48U7DVOTF	Delegate		●		●			
HCS-48U7DVOTFN/52	Delegate		●		●	●		
HCS-48U7SEL	Channel Selector			●			HCS-48U7VOTF or HCS-4340U needed	63×80×80
HCS-48U7SPK	Loudspeaker							71×80×80
HCS-48U7CMICSPK/50	Chairman	●					HCS-4340U needed	71×140×80
HCS-48U7DMICSPK/50	Delegate	●						

- Perfectly fit flush-mounting design and exquisite metal panel; flexible for different combinations of function modules according to furnishing or meeting requirements.
- Transmitting up to 64 CHs digital audio signals, all 64 channels perfectly reproducing audio frequencies between 30 Hz and 20 kHz
- LCD display of discussion and voting status, short messages, menu and language channels
- Intercom channel allowing communication between chairman, delegate, interpreter and operator during a conference
- Initiating voting on the chairman unit without a PC
- Dedicated software module for more forms of voting
- Priority button on the chairman unit to turn on, turn off/mute the active delegate unit
- Stem microphone: 240 mm, 330 mm, 410 mm (default), 470 mm
- Weight (stem included): HCS-48U7: 1.0 kg; HCS-48U7MICSPK/50: 0.6 kg



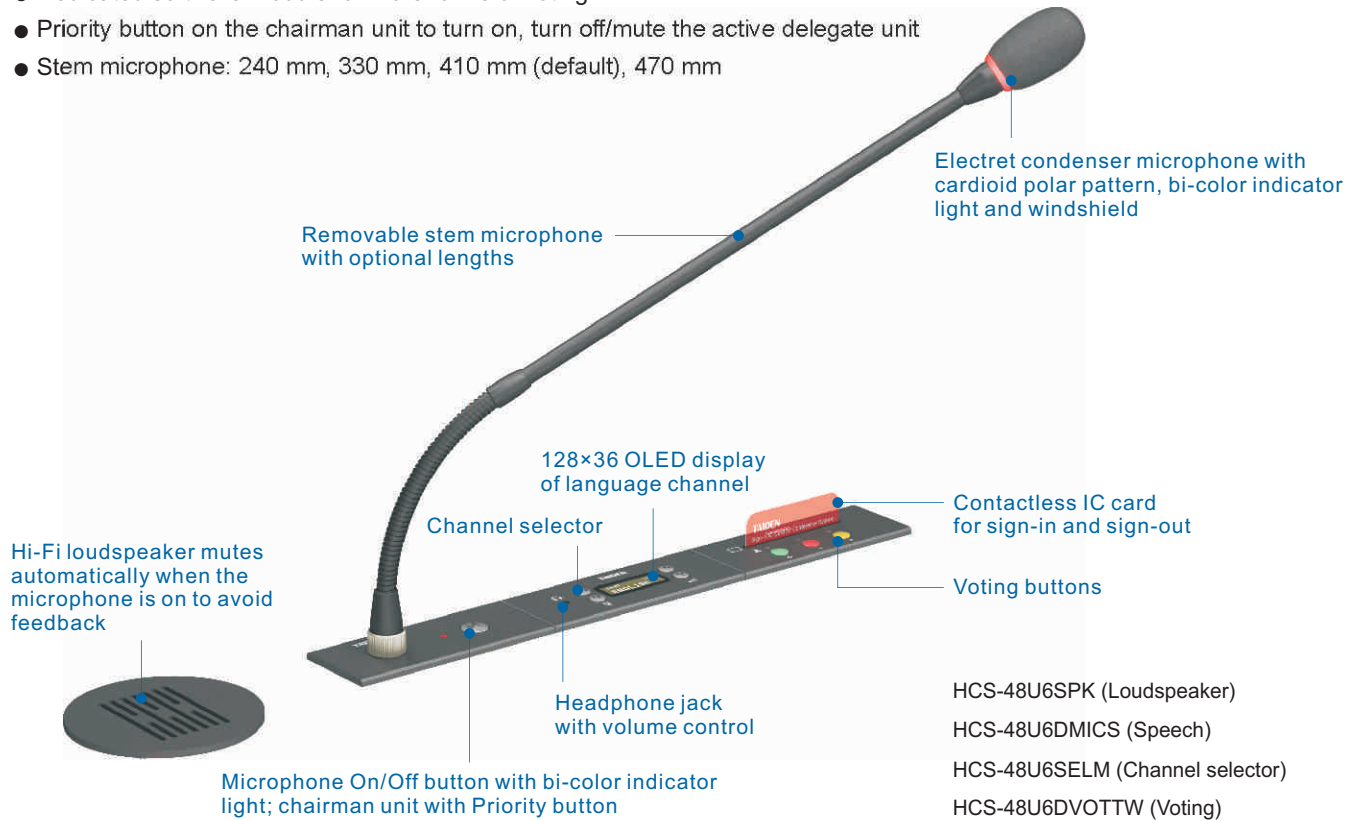
HCS-48U7DMICSPK/50



UN General Assembly's
69th General Debate

HCS-48U6 Series Fully Digital Congress Units

- Perfectly fit flush-mounting design and exquisite metal panel; flexible for different combinations of function modules according to furnishing or meeting requirements.
- Transmitting up to 64 CHs digital audio signals, all 64 channels perfectly reproducing audio frequencies between 30 Hz and 20 kHz
- OLED screen with high brightness and contrast, wide viewing angle and low power consumption
- Dedicated software module for more forms of voting
- Priority button on the chairman unit to turn on, turn off/mute the active delegate unit
- Stem microphone: 240 mm, 330 mm, 410 mm (default), 470 mm



Function list

Model No.	Type	Speech	Voting	Contactless IC Card	SI	OLED	Connection	Dimensions (h×w×d,mm)	Weight (kg)
HCS-48U6CMICM	Chairman	●					Can be used independently	71×100×40	0.4
HCS-48U6CMICS	Chairman	●					HCS-48U6SELM needed	36×100×40	0.1
HCS-48U6DMICM	Delegate	●					Can be used independently	71×100×40	0.4
HCS-48U6DMICS	Delegate	●					HCS-48U6SELM needed	36×100×40	0.1
HCS-48U6DVOTTW	Delegate		3-key	●			HCS-48U6MICM or HCS-48U6SELM needed	73×100×40	
HCS-48U6DVOTFW	Delegate		5-key	●					
HCS-48U6SELM	Channel Selector				●	●	Can be used independently	71×100×40	0.4
HCS-48U6SPK	Loudspeaker						HCS-48U6MICM or HCS-48U6SELM needed	71×80×80	0.2

HCS-4851/50 Series Fully Digital Congress Units

- Retractable array microphone
- Proprietary MCA-STREAM audio processing and transmission technology
- Audio sampling of 48 kHz
- Separate adjustment of gain and EQ (5 band) of conference units
- Optional chairman or delegate unit
- Dimensions (h×w×d, array mic. not included): 299 mm×66 mm×105 mm
- Weight: 1.7 kg



HCS-4851C_B/50



HCS 4342X4/50 Portable 4 Channel Audio Distributor

- For audio distribution to the media
- Faster processing speed and better audio quality with fully digital audio technology and built-in high-performance CPU
- Up to 64 language channels available
- Four-channel output with independent channel selector and volume control
- OLED display of the live channel number, name and volume
- Dimensions: 226 mm×141 mm×42 mm
- Weight: 1.0 kg



HCS-4342X4/50

HCS-4325/26/27 Series Fully Digital Congress Units

- Perfectly fit flush-mounting design and exquisite metal panel; flexible for different combinations of function modules according to furnishing or meeting requirements
- Transmitting up to 64 CHs digital audio signals, all 64 channels perfectly reproducing audio frequencies between 30 Hz and 20 kHz
- Dedicated software module for more forms of voting
- Stem microphone: 240 mm, 330 mm, 410 mm (default), 470 mm



HCS-4325NW_G/50 + HCS-4327HD/50

Function list

Model No.	Type	Speech	Voting	SI	Contactless IC Card	Dimensions (h×w×d,mm)	Weight (kg)	Color
HCS-4325U/50	Dual 64-channel Selector			64 CHs x 2		54×194×54	0.3	Black
HCS-4325N/50						86×139×40	0.4	Silver/Charcoal gray
HCS-4325NW/50					●			
HCS-4326NCWE/50	Chairman		●	●	●			
HCS-4326NDWE/50	Delegate		●	●	●			
HCS-4326NDE/50	Delegate		●	●				
HCS-4327HD/50	Delegate	●				143×40×40	0.1	Black
HCS-4327HDA/50	Delegate	●				141×23×23		
HCS-4327D/50	Delegate	●				20×40×54 (microphone not included)	0.1 (microphone not included)	

Note: Combined application with HCS-4325N(W)/50 or HCS-4326/50 series is required for units of HCS-4327/50 series.



HCS-4326NDWE_G/50 + HCS-4327D/50



HCS-4327HDA/50

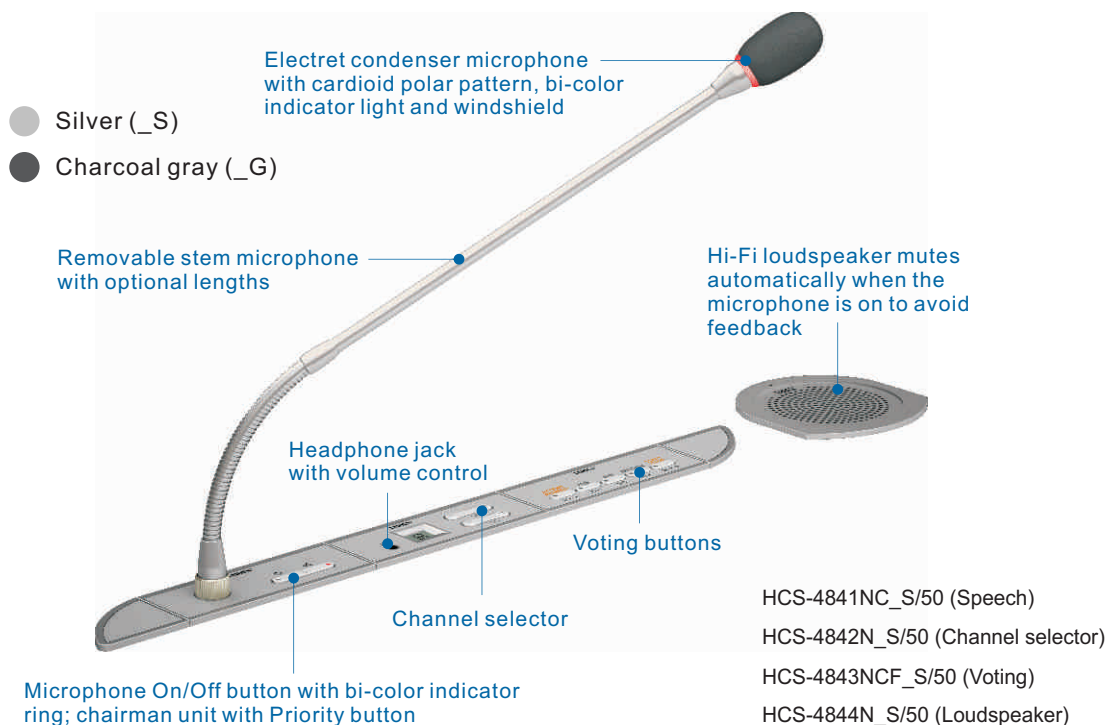


HCS-4325U/50, HCS-4325/50 Dual 64-channel Selector installed at PBR, the UN headquarters



HCS-4341/484x Series Fully Digital Congress Units

- Modularized design providing more options for meeting organizers
- Need to use together with multi-function connector of HCS-4340/50 Series
- Transmitting up to 64 CHs digital audio signals, all 64 channels perfectly reproducing audio frequencies between 30 Hz and 20 kHz
- Dedicated software module for more forms of voting
- Priority button on the chairman unit to turn on, turn off/mute the active delegate unit
- Stem microphone: 240 mm, 330 mm, 410 mm (default), 470 mm



Function list

Model No.	Type	Speech	Voting	SI	Dimensions (h×w×d,mm)	Weight (g)	Color
HCS-4841NC/50	Chairman	●			83×111×41 (stem not included)	200	Silver/ Charcoal gray
HCS-4841ND/50	Delegate	●					
HCS-4842N/50	64-channel selector			●	83×111×41	80	Silver/ Black
HCS-4842NA/50	64-channel selector			●	84×95×40		
HCS-4843NCT/50	Chairman		3-key		83×111×41	93	Silver/ Charcoal gray
HCS-4843NDT/50	Delegate		3-key				
HCS-4843NCF/50	Chairman		5-key				
HCS-4843NDF/50	Delegate		5-key				
HCS-4844/50	Loudspeaker				27×94×99	150	Silver/ Charcoal gray
HCS-4844NA/50	Loudspeaker				61×94×99	160	



HCS-4341HD/50
Handheld Microphone



HCS-4841DUA/50
Metal Panned Microphone



HCS-4841DU/50
Metal Panned Microphone



HCS-4842NA_S/50
64-channel Selector

Function list

Model No.	Type	Speech	Dimensions (h×w×d,mm)	Weight (g)
HCS-4341CB/50	Chairman	●	24×50×92	80
HCS-4341DB/50	Delegate	●		
HCS-4341HD/50	Delegate	●	143×40×40	100
HCS-4841CU/50	Chairman	●	71×80×80	200
HCS-4841DU/50	Delegate	●		
HCS-4841CUA/50	Chairman	●	61×40×54	200
HCS-4841DUA/50	Delegate	●		



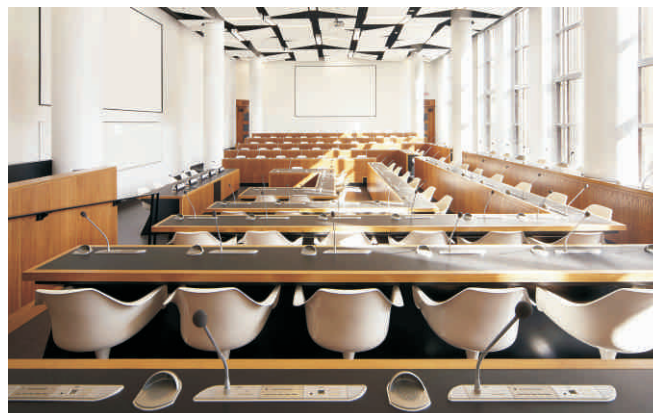
HCS-4341DB/50
Boundary Microphone



HCS-4340/50
Multi-function Connector



China National Convention Center



The University of Montreal

Large-scale Fully Digital Voting System

Tabletop



HCS-4368FE/50 Series Voting Unit
5 Voting Keys



HCS-4368DME/50
Multi-proposal Voting Unit



HCS-4368TE/50 Series
3 Voting Keys

Flush-mount

● Metal frame (_Gd)

● Red (_R)

● Silver (_S)



HCS-4368DME/FM/50 Series
Multi-proposal Voting Unit



HCS-4368FE/FM/50 Series Voting Unit
5 Voting Keys



HCS-4368TE/FM/50 Series
3 Voting Keys

With built-in high-performance CPU, TAIDEN Large-scale Voting System boasts a full duplex transmission rate at 100 Mbps. The main unit is also connected to PC via high-speed Ethernet to ensure a swift and accurate voting session. The voting system takes an international lead in terms of its reliability and security with its redundancy for dual backup of the main unit and PC, and anti-static and water resistant design.



HCS-48U6DVOTTM for Shaoxing Theater

Function list

Model No.	Type	Mounting	5-key	3-key	Contactless IC Card	Dimensions (h×w×d,mm)	Weight (g)
HCS-4368CFE/50	Chairman	Tabletop	●			64×197×86	0.5
HCS-4368DFE/50	Delegate		●				
HCS-4368CFWE/50	Chairman		●		●		
HCS-4368DFWE/50	Delegate		●		●		
HCS-4368CFE/FM/50	Chairman	Flush-mounting	●			60×197×86	0.8 (Metal frame) 0.6 (Plastic frame)
HCS-4368DFE/FM/50	Delegate		●				
HCS-4368CFWE/FM/50	Chairman		●		●		
HCS-4368DFWE/FM/50	Delegate		●		●		
HCS-4368CTE/50	Chairman	Tabletop		●		64×197×86	0.5
HCS-4368DTE/50	Delegate			●			
HCS-4368CTE/FM/50	Chairman	Flush-mounting		●		60×197×91 (Metal frame) 60×197×86 (Plastic frame)	0.8 (Metal frame) 0.6 (Plastic frame)
HCS-4368DTE/FM/50	Delegate			●			
HCS-4368DME/50	Delegate	Tabletop		●		64×197×86	0.5
HCS-4368DME/FM/50	Delegate	Flush-mounting		●		60×197×91 (Metal frame) 60×197×86 (Plastic frame)	0.8 (Metal frame) 0.6 (Plastic frame)
HCS-4368SDTE/FM/50	Delegate	Flush-mounting		●		77×110×60	0.2
HCS-48U6DVOTTME	Delegate	Flush-mounting		●		71×100×40	0.4



The People's Great Hall of
Fujian Province (China)



The People's Great Hall of
Zhejiang Province (China)



The People's Great Hall of
Hunan Province (China)

Customization Service



* Customization available for certain products upon user requirement



HCS-48U8 Series
Speech / 64 CHs / Voting / Contactless IC Card
Intercom / Short Message



HCS-48U9 Series
Speech / 64 CHs / Voting / Contactless IC Card
Intercom / Short Message

HCS-1080/1081 Series E-ink Nameplate

- Display size: 310 mm × 60 mm
- Paper-like screen with low eye fatigue
- Retaining image even without electricity
- Nearly 180° viewing angle
- Low power consumption
- Double-sided display
- High resolution: 1200 × 232
- Ultrathin design (16 mm)
- HCS-1080 wired nameplate compatible with TAIDEN congress units or with HCS-1080T nameplate adapter
- Wireless alternative HCS-1081/50



HCS-1080/50
Wired E-ink Electronic Nameplate



HCS-1081/50
Wireless E-ink Electronic Nameplate

HCS-1050 Information Prompter

- Displays prompt information from the operator
- Stylish and ergonomic design
- 4.3" TFT LCD display
- Power over Ethernet (PoE)
- TCP/IP communication protocol in PC control
- Resolution: 480 × 272
- Connector: RJ45
- Dimensions (h×w×d): 59 mm×113 mm×59 mm
- Weight: 180 g



HCS-1050

HCS-4385U/50 Fully Digital Simultaneous Interpreter Unit



HCS-4385U/50

Electret condenser microphone with cardioid polar pattern, indicator light and built-in windshield

Removable stem microphone with optional lengths



HCS-8385/70

- | | |
|--|--|
| 1 Built-in loudspeaker with volume control | 7 Short-cut buttons (Video/Repeat/Message/Slow/Help) |
| 2 Controls for headphone volume, treble and bass | 8 Braille indicators |
| 3 Function knob | 9 Large microphone button |
| 4 Color LCD display for control and information | |
| 5 7 monitor channels selection | |
| 6 A/B/C output channels selection and engaged indicators | |

- | | |
|--|----------------------------|
| | Mic. ready |
| | Mic. in use |
| | Interlocked, mic. disabled |



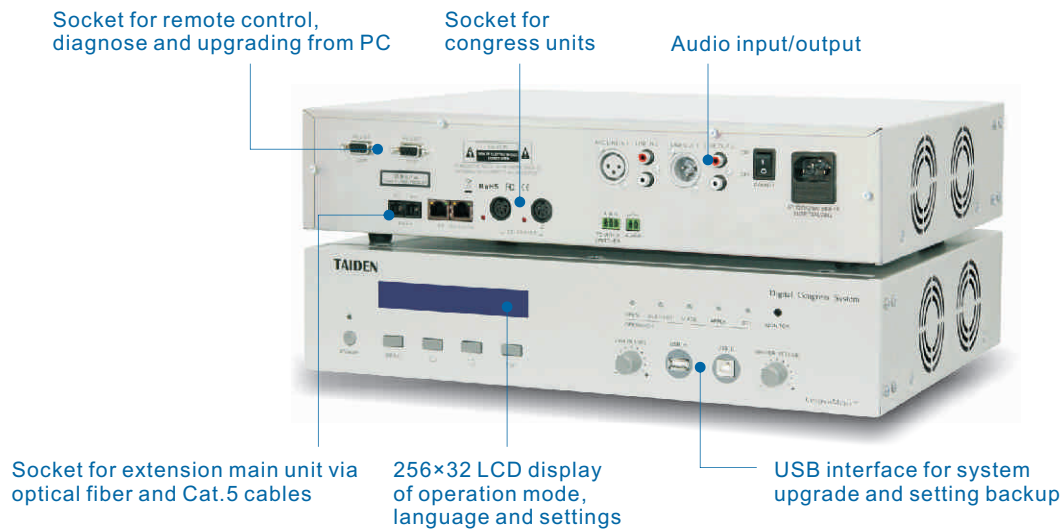
Features

- Incorporating most recent requirements from conference interpreters (at European Institutions, the United Nations,...)
- Of fully digital audio technology and compliant with IEC 60914, ISO 2603 and ISO 4043
- "Closed Loop-Daisy Chain" connection ensuring stability and reliability
- Up to 64 interpretation channels including the floor
- Audio sampling of 48 kHz and all 64 channels perfectly reproducing audio frequencies between 30 Hz and 20 kHz
- Built-in high-pass filter to filter out bass
- Direct and relay interpretation available with auto relay facility
- Preset of language names via the main unit or the software
- Gain and EQ (3 band) of an activated microphone adjustable via the software or the main unit
- Built-in loudspeaker with volume control. If all microphones in the same booth are off, the loudspeaker will play floor language or interpretation channel
- Ensuring the uniqueness of each outgoing channel with inter-lock mode
- Optional facility: activation of a microphone will shut off the other already enabled in the same booth
- Mute function prevents constrained voice being transmitted (MUTE key)
- Three optional facilities: Repeat (REP.), Slow (SLOW) and Message (☐)
- Audible beep and braille indications for the visually impaired
- Intercom allowing communication between interpreter and the operator
- Remote control of interpreter's microphone and switch between output channels A/B/C from the software
- Compatible with congress units of all series
- Up to 6 interpreter units in one booth
- Stem microphone: 330 mm (default), 240 mm, 410 mm, 470 mm
- Tabletop or flush-mounting

- Unique features for HCS-8385/70
 - Compliant with ISO 20109
 - 7.2" TFT LCD high quality display:
 - ◆ Unit configuration information
 - ◆ Channel number and language name
 - ◆ Incoming language quality indication
 - ◆ The audio stream status of the output channel:
if under recording or being distributed by the infrared language distribution system
 - ◆ Audience number of each output channel
 - ◆ Short message
 - ◆ Real-time clock and Mic. timer
 - 7 incoming channel selectors and 3 output channel selectors with rotary step control for fast selection of language channels
 - VIDEO key for video monitor integration, supports up to 8 video sources
 - Password function available
 - ◆ System manager could set password for authorization of changing interpreter unit setting, so as to avoid accidental alteration
 - ◆ Interpreters could save and reload personal settings on any interpreter unit in the system with the password
 - Mobile messaging integration: head interpreter can send text messages from a mobile phone to all Interpreter Units via Bluetooth
 - 3 x Ø 3.5 mm TRRS jack for headsets with advanced hearing protection
 - ◆ When headphones are plugged in, impedance is automatically recognized and audio level is adjusted accordingly
 - ◆ When headphones level exceeds a preset value, a floating alert will be triggered
 - Dimensions (h×w×d, stem not included): 83 mm×320 mm×148 mm
 - Weight: 1.1 kg

- Unique features for HCS-4385U/50
 - Backlit 256×64 LCD graphic display
 - 5 incoming channel selectors and 3 output channel selectors with rotary step control for fast selection of language channels
 - Socket for headphones: (Ø 3.5 mm / Ø 6.4 mm)
 - Socket for extension microphone (Ø 3.5 mm)
 - Dimensions (h×w×d, stem not included): 78 mm×290 mm×126 mm
 - Weight: 0.9 kg

HCS-4100M/50 Series Fully Digital Congress Main Unit



Features

- Fully digital control of the main unit and digital transmission between congress units and the main unit based on TAIDEN's proprietary MCA-STREAM digital processing and transmitting technologies
- Audio signal processing by dedicated high-performance DSP with its audio sampling at 48 kHz and 32 kHz
- Flexible for connection with various audio input or output devices
 - Connecting to HCS-8300MO series 8 Channels Audio Output Device for multi-channel output of digital/analog signal used by simultaneous interpretation system or for recording
 - Gain and EQ of two Line Out signals or one Line Out signal plus one microphone input (allowing connection to electret condenser microphone with +24V phantom power) adjustable separately
 - Connection to extra electret or dynamic microphones (with HCS-8300MI series 8 Channels Audio Input Interface)
- Intercom
- Various forms of rooms combining/splitting with TAIDEN's dedicated devices
- With extension main units can enable connection to:
 - 4096 contribution units or voting units
 - 378 interpreter units (in 63 booths with 6 for each at most)
 - An unlimited number of channel selectors
- Compatible with TAIDEN HCS-8300 Series Paperless Multimedia Congress System but without the features distinctive of the HCS-8300 series
- Transmitting up to 64 channels (including the floor) of digital audio signals and accommodating more audiences with channel selectors and/or IR language distribution system
- Able to work in stand-alone mode for discussion, voting (Yes/No/Abstain) and simultaneous interpretation
- Comprehensive meeting management functions with dedicated management software
- Hot backup of the main unit where another main unit is configured as a standby and ready to take over once the system fails
- Automatic switch of the main unit to stand-alone mode in case of PC failures to ensure a smooth meeting flow
- Compatible with peripheral devices for video tracking, alarm system and central control over network
- Fit in standard 19" rack



Management Software used at ECOSOC, the UN headquarters



HCS-8302MX/FS Series General Controller For Booth Combiners

- Allows for coupling or separating of conference rooms (6/12/24) and enables interpreter booth sharing with HCS-8300MX/FS Booth Combiner



HCS-8300ME Series Congress Extension Main Unit

- Allows for system capacity extension when used together with main unit(s) of HCS-8300M or HCS-4100M/50 series



HCS-8300MI Series 8 Channels Audio Input Interface

- Transmits 8 channels of digital (AES/EBU)/analog audio to the interpretation channel of the conference system for remote interpretation or transmits to the floor channel



HCS-8300MO Series 8 Channels Audio Output Device

- Converts digital audio signals of the conference system into multi-channel digital (AES/EBU)/analog signals for interpretation or recording



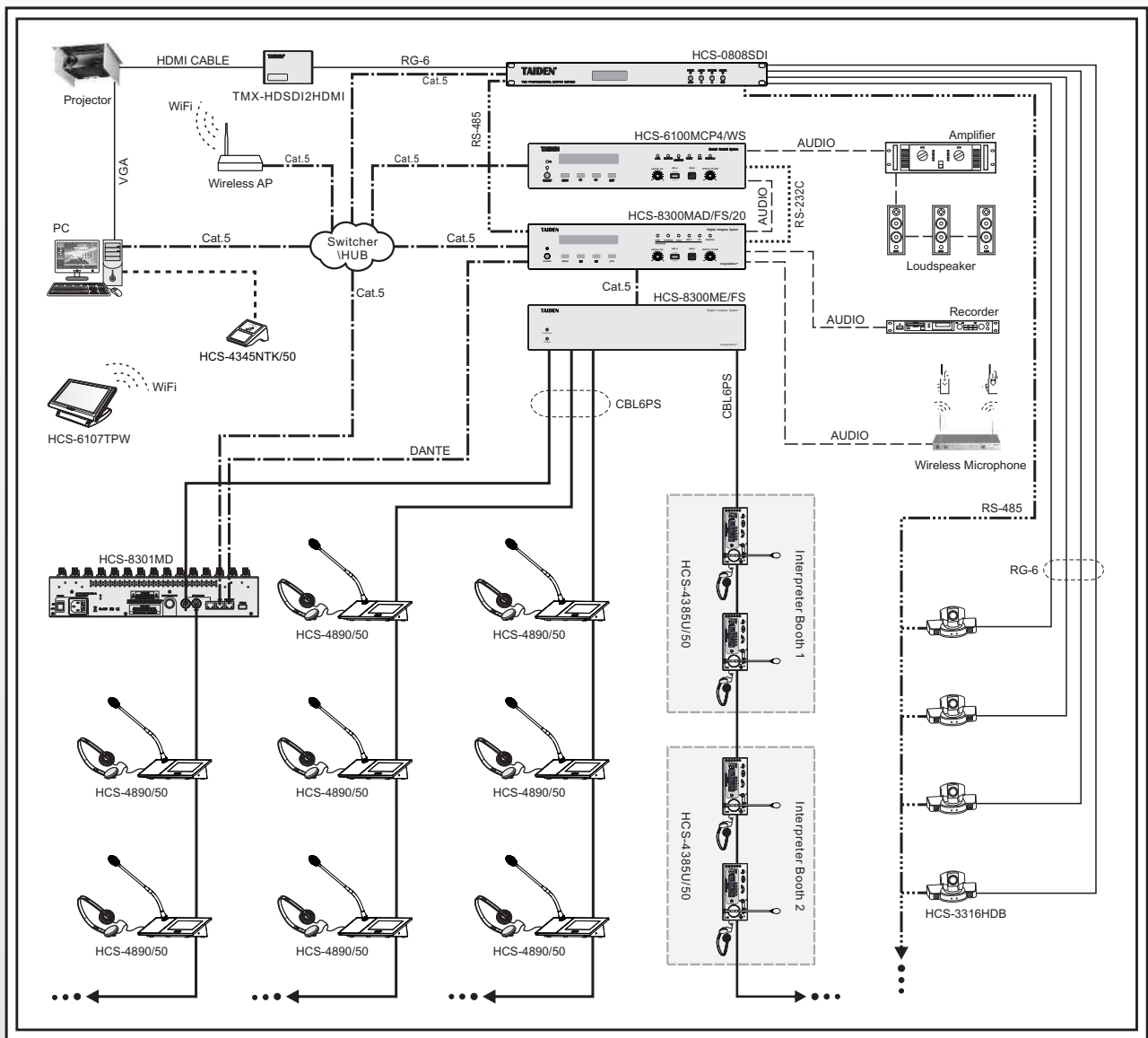
HCS-8300MX Congress Room Combiner

- Perfect solution for selectively combining or separating meeting rooms
- 8 X RJ45 standard socket for connection with congress main unit
- Enables coupling of up to 8 rooms with one combiner



HCS-8300MX/FS Booth Combiner

- Perfect solution for selectively combining or separating booths
- Up to 8 booths can be merged or splitted
- Allows for coupling or separating of conference rooms (6/12/24) and enables interpreter booth sharing with HCS-8302MX/FS General Controller



ISO9001: 2008
Certified by ANAB
Certificate No.: FM 85884



CE certified
(including EMC and Safety)
Certificate No.: WT158003921, WT153004035



FCC certified
Certificate No.: WT158003922



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