

FBT

CS4000 SERIES

4-CHANNEL WIRELESS CONFERENCE SOLUTION



CSU4000
Wireless Conference
System Receiver



CST4000
Wireless Conference
System Transmitter



CST4000-CH1
CST4000-CH12
Slot Charger

ENG / DATA SHEET

MADE IN TAIWAN

CS4000 SERIES

4-CHANNEL WIRELESS CONFERENCE SOLUTION

DESCRIPTION

Ideal for town halls, local business centers and courtrooms The FBT conference solutions have been designed to be easy-to-use and to offers reliable, clear and intelligible communication to significantly increase meeting experience.

The CS-4000 Wireless Conference System is designed with a newest wireless and conferencing technology. It provides maximized compatible channels with a given bandwidth. Built in logic circuit provides conferencing feature. This user-friendly system makes meetings easier and it is also an ideal solution for rental companies who can use it for their day-to-day mobile set-ups.

CS-4000 DEVICES AND FEATURES

CSU4000

4-Channel Diversity UHF PLL Wideband Receiver

- RF output and mains voltage output for easily cascading up to 10 CSU4000 without additional splitter;
- REMOSET technology for receiver/transmitter synchronisation;
- Volume settings to be selected for each channel
- Conference modes: override, priority and open mode
- Backlit display for indicating the status;
- Power supply for optional antenna booster
- 19" rack installation, 1 RU



CST4000

UHF PLL Microphone Console Transmitter

- Electret condenser microphone unit: supercardioid polar pattern;
- REMOSET technology for receiver/transmitter synchronisation;
- 400 mm gooseneck, removable;
- Adjustable sensitivity;
- Switchable transmitting power
- Low cut function
- Automatic switch-off
- Lock function
- LCD for indicating group/channel, audio level and battery status.



CST4000-CH1 - CST4000-CH12

1/12 Devices Charging Station Unit

- Average charging time, depending on condition of rechargeable batteries used;
- LED for indicating batt. charging status;
- Mechanical reverse polarity protection;
- Protection against overload, short-circuit and deep discharge;
- Matching transport case cover as option (only CST4000-CH12).



TECHNICAL SPECIFICATIONS

CSU4000 – Receiver

System	Diversity UHF PLL wideband receiver
Frequency range	470-694MHz
AUDIO SPECIFICATIONS	
Frequency Response	80-16.000Hz ± 2dB
THD	<0.6%@1KHz
CMRR	>80 dB
S/N	>105dB(A)
Sensitivity	-95dBm, S/N>80dB
Audio Output Level	Ref: ±22.5KHz Dev@1KHz ToneØ6.3 Phone Jack: -10dBVXLR Jack: -4dBV(Line), -24dBV(MIC)
Audio Output Impedance	600Ω
INPUTS / OUTPUTS	
Audio Outputs	5 balance XLR ports,1 unbalance Ø6.3mm jack
Voltage Outputs	5-pins/ + 5VDC
Automix IN/OUT	2x 8-pin mini-DIN connector
Antenna IN/OUT	2x BNC (+ DC12V/100mA) + 2x LINK
INDICATORS	LCD + LEDs
CONTROLS	Power ON/OFF, Group, Channel, Frequency, Sensitivity, Key Lock, Volume, Output Attenua- tion(XLR), Frequency Scan(ON/OFF), Antenna Power, Display Setting, Language, Remoset ID Number, Reoset Setting, Priority Setting
GENERAL	
Power Supply	AC 110-240V, 50/60Hz
Power Consuption	20VA
Operating Temperature	0°C to +40°C
Colour	Black
Net Dimensions (WxHxD)	485mm x 45mm x 260mm
Mounting	Stand-alone, 19"rack
Net Weight	2.4 kg

CST4000-CHI

INDICATORS	LEDs
Slots	1-Slot Charger
Power Supply	IN : AC 110-240V 0.4A ; OUT : DC 12V, 1A
Charging Time	≈ 5h (2000mAh rechargeable battery)
Operating Temperature	0°C to +40°C
Net Dimensions	150(W)x70(H)x75(D)mm
Net Weight	187g

CST4000 – Transmitter

System	Diversity UHF PLL wideband receiver
Frequency range	470-694MHz
Transmitting power	10/50 mW
AUDIO SPECIFICATIONS	
Frequency response (+/- 3dB)	60-16,000 Hz
INPUTS/OUTPUTS	
Mic IN	4-pole mini XLR
INDICATORS	LCD + LEDs
CONTROLS	Power ON/OFF, Talk, groups, channels, fre- quency,sensitivity adjustment, Remoset ID pairing, RF output,key lock, Low cut, Sync
MICROPHONE SPECIFICATIONS	
Type	Super-cardioid Electret Condenser
Gooseneck length	400mm
GENERAL	
Power Supply	UM3, AA x 2 (Supported Rechargeable type)
Operating Time	≈ 25 h
Operating Temperature	0°C to +40°C
Colour	Black
Net Dimensions	116mm (W)x29 mm(H)x138mm(D) (console housing)
Net Weight	0.76 kg

CST4000-CH12

INDICATORS	LEDs
Slots	12-Slot Charger
Power Supply	IN : AC 110-240V 1.2A ; OUT : DC 15V, 3.3A
Charging Time	≈ 5h (2000mAh rechargeable battery)
Operating Temperature	0°C to +40°C
Accessories	optional cover CST4000-CH12C
Net Dimensions	542(W)x240(H)x463(D)mm
Net Weight	11 kg



FBT ELETTRONICA SPA

Via Paolo Soprani 1 - 62019 RECANATI - Italy

Tel. 071750591 - Fax. 071 7505920

email: info@fbt.it - www.fbt.it