

SAMCEN

Ideas For Communication

Wireless Infrared Voting System SCS-IR4160C/D



Products picture



SCS-IR4160C



SCS-IR4160D

Features

Features of infrared delegate microphone

1. Newly digital design
2. Portable table moving and microphone pipe can be pull out. Extended pipe optional.
3. Electric capacity type microphone, equipped with windshield cover
4. LCD color red/blue (option)
5. LCD display microphone ID, signal level, battery level, microphone state, control channel, etc.
6. Equipped with microphone on/off key and indicator.
7. Equipped with 5 function keys to set microphone id, control channel, LCD contrast, light time and voting
8. Auto-Close: Microphone will turn off automatically if there is no action of this microphone in 99 seconds. (Option)
9. Microphone will shut off the power in 60 seconds to save battery power if system communication is error.
10. LCD will display "IR Signal Weak" if the IR signal is weak when microphone working.

Features of infrared chairman microphone

Including the functions of the delegate unit, chairman unit has other following functions:

1. Chairman microphone can turn on any time.
2. In one system microphones just support one chairman microphone and the ID number should be 1.
3. Priority function: chairman can turn off delegate microphones any time.
4. Chairman only mode: Delegate microphone can not be turned on again after chairman microphone press priority button. The chairman need quit this mode first, and then delegate microphone can be turned on again.

Specifications

Audio channel	Transmission method	Wireless infrared
	Audio channel	4
	Carrier frequency band	6MHz-8MHz
	Modulation method	FM
	Infrared radiator consumption	+10dBm
	Mic sensitivity	-44dB±2dB
	Frequency response	100Hz-10KHz
	S/N Ratio	>70dB
	T.H.D.	<0.5%
Data control channel	Reference sound receiving distance	10-30cm
	Transmission method	Wireless
	Data channel	14
	Frequency Range	901MHz-927MHz
	Modulation method	FSK
	Receiving sensitivity	-85dBm
	Transmission consumption	10dBm
Microphone	Communication rate	100KBPS
	Battery	LIP battery 12V/4000MAH
	Consumption Rating	8W
	Operating temperature range	0-40 degree
	Length of gooseneck	400mm (optional)
	Dimensions	210×140×69mm
	N.W	900g (with battery)

Projects



Connection diagram

