

# SAMCEN

*Ideas For Communication*

## Wireless Language Distribution System

### SCS-360RA 6/8/12/32 IR Language Receiver



Adress: Room 5006 ChuangXingDa Commercial Center LiuXian 2nd Rd, BaoAn District Shenzhen China  
P.C.: 518133  
Tel: (+86)-755-2309 3086  
Fax: (+86)-755-2649 6450

Email: [info@samcen.com](mailto:info@samcen.com)  
Web: <http://www.samcen.com>

### SCS-350MA Language Distribution Transmitter

- .Wireless directional transmission avoided the radio disturbance and wiretapping.
- .Automatic Level Control.(ALC)
- .Adopt high frequency( 2M-8MHz) transmission it ensure anti-jamming frequency.
- .Adopt phase-locked loop (PLL) technique to achieve stable transmitting frequency.
- .Equipped with 6 input audio connectors, it is able to output audio signals to different audio devices like amplifier and audio recorder.
- .The test function can create 6 various frequency audio signals for system test.
- .Level indicators can monitor the intensity of the input audio level directly.
- .Alarm function can automatically send out the warning message to all the audio channels.
- .Cover with metal material and earth well to ensure the 8000V antistatic performance.



Power supply	100-240V
Power consumption	15W
Crystal	Crystal control
Modulation	PPL, narrow band
Carrier wave frequency	2M20MHz (BAND4)
Pre-emphasis	100µs
Deviation	±6kHz (peak value ±7kHz)
Total harmonic distortion	<1%
SNR	>80dB
Frequency response	6012KHz
Input Sensitivity	50mV-1.5V
RF output	2 BNC, 100mV RMS
RF output impedance	50Ω
Dimension	430L×275W×90H(mm)
Weight	6.8KG
Color	Gray

### SCS-350TA 15/25/40 IR Radiator

- .Powerful ability of IR radiation (50 meters at 25W, 30meters at 15W)
- .Synchronized with the transmitter SCS-350MA
- .Adjustable IR radiation (High and Low)
- .Connected by the hand in hand daisy-chain. It is easy to install and maintain.
- .Easy installation with free attachable bracket or triangle bracket.
- .Half radiator angle:±22°



Power supply	AC100-240V
Transmit power	15W/25W/40W (selectable)
Average transmit angle	±22°
RF input	Impedance :5k_voitage:150mV-3V
Maximum covered distance	30M(15W)
Automatically opened threshold	50mV RF signal
Dimension	430L×320W×95H(mm)
Weight	7.8KG
Color	Purple



### SCS-360RA 6/8/12/32 IR Language Receiver

- .Gorgeous appearance.
- .Comfortable to use earphone.
- .Adopt MCU, makes it stronger.
- .Adopt high-tech phase locking chip to make the precision higher.
- .Adopt more advanced phase locking technology to make the speed faster and more stable.
- .Adopt special noise elimination technology to make the noise lower.
- .8/12 channel option, there is no obstruction between the channels.
- .During the effectual area, the receiving unit can be added unlimited.
- .Volume adjustable.
- .Phase locking technology, receive frequency with 10PPM stability.

Intermediate frequency(IF)	10.7MHz
S/N	>80dB
Rating frequency difference	±6kHz
Signal restoration	150ms
Frequency effect	8Khz
Modulation	FM
Receiving power	2M-8MHz
Peak value difference	±8KHz
Total Harmonic distortion	<1%
Am inhabited	>45dB
Distortion	<1.5%
Dimension	105L×50W×19H(mm)
Weight	0.15KG
Color	Gray



### SCS-350CA 20/40 Charger

- .Charger base for SCS-350CA/2 Receiver.
- .SCS-350CA/2 for 20 units receivers.
- .SCS-350CA/4 for 40 units receivers.
- .Charging time: 1 hour~6 hours.



### SCS-E3A Head Earphone

Working with interpreter units or IR receiver units.  
 Avoid being interfered in conference  
 Build-in 1.5 meter cable  
 Hi-fi audio quality

Interface	3.5mm mono connector
Frequency response	80Hz -2KHz
Sensitivity	90dB
SNR	>80dB
Distortion	<0.1dB
Impedance	32Ω
Dynamic range	>85dB
Output power	100mW



### SCS-E1A Ears Hanging Earphone

Working with interpreter units or IR receiver units.  
 Avoid being interfered in conference  
 Build-in 1.5 meter cable  
 Hi-fi audio quality



### System Connection

