

# TS-700

## IR Wireless 12 Channel Transmitter



### Features:

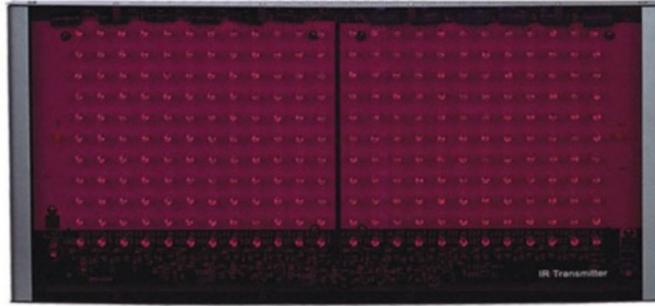
- ✓ Head of language distribution and simultaneous interpretation system.
- ✓ 12 languages (1 ground and 11 international) simultaneous translation and distribution system.
- ✓ Ideal for international summit meeting, religious meeting and hotel rental use.
- ✓ This transmitter will receive 12 different voice inputs then generate the infrared wireless signal to be radiated by the IR radiator, while the attendant with IR receiver could receive different translated language by selecting different receiving channels.
- ✓ Stable strong signal for accurate wireless infrared transmission system to prevent interference.
- ✓ Suitable for indoor and outdoor moderate and big conference hall use.
- ✓ Automatic output level control technology (ALC).
- ✓ No interference from lighting system and other wireless communication system.
- ✓ Advanced daisy chain connection to save cable and layout cost.
- ✓ Elegant and ergonomic design to integrate with the architecture application.
- ✓ 12 channel interpretation inputs and outputs.
- ✓ Each channel with REC output for recording system like DVR or recorder.
- ✓ Test function to ensure the well installation.
- ✓ Separate 12 channel output level display for visual monitor use.

### Specification:

<b>Model</b>	<b>TS-700</b>
<b>Description</b>	IR Wireless 12 Channel Transmitter
<b>Modulation Way</b>	FM modulation
<b>Frequency Synthesis</b>	Digital PLL
<b>Frequency Band</b>	1.7-4.0MHz
<b>Frequency Response</b>	100-14KHz
<b>Frequency Stability</b>	100ppm
<b>Pre-emphasis</b>	75μSec.
<b>Distortion</b>	<0.5%
<b>Channel Separation</b>	>70dB
<b>RF Output Level</b>	700mV
<b>RF Output Impedance</b>	50Ω
<b>Input Impedance</b>	18KΩ
<b>Max Input Level</b>	2V
<b>AGC Range</b>	30dB
<b>S/N Ratio</b>	>75dB
<b>Power Consumption</b>	40W
<b>Power Supply</b>	AC220V or 115V, 50-60Hz
<b>Dimension</b>	485(W)×355(D)×88(H)mm
<b>Weight</b>	7.0kg

# TS-701

## IR Wireless 12 Channel Radiator



### Features:

- ✓ Main equipment of language distribution and simultaneous interpretation system.
- ✓ 12 languages (1 ground and 11 international) simultaneous translation and distribution system.
- ✓ Ideal for international summit meeting, religious meeting and hotel rental use.
- ✓ This transmitter will receive 12 different voice inputs then generate the infrared wireless signal to be radiated by the IR radiator, while the attendant with IR receiver could receive different translated language by selecting different receiving channels.
- ✓ Stable strong signal for accurate wireless infrared transmission system to prevent interference.
- ✓ One radiator capable of radiate and distribute 12 languages to be received by the IR receiver.
- ✓ Rated power output of 30W
- ✓ Coverage of 30 square meters for room ceiling less than 8 meters.
- ✓ Big size room could cascaded several radiator together.
- ✓ Automatically power standby after 5 seconds without receiving input.
- ✓ Automatically power on immediately at sight of any signal input.
- ✓ Automatically control the gain output to ensure the maximum signal radiation.
- ✓ Versatile mounting way by ceiling, surface mount, wall mount or floor stand installation.
- ✓ Daisy chain connection for easier expand and cable saving.
- ✓ Wider radiation angles  $\pm 22^\circ\text{C}$  at half intensity to ensure signal strength in every corner.
- ✓ Rotatable mounting bracket is supplied

### Specification:

<b>Model</b>	<b>TS-701</b>
<b>Description</b>	IR Wireless 12 Channel Radiator
<b>Frequency Band</b>	1.7-4.0MHz
<b>Rated Power Output</b>	100-14KHz
<b>Coverage</b>	30 SQ meters the roof is less than 8 meters high
<b>Radiation Angle</b>	$\pm 22^\circ\text{C}$ at half intensity
<b>RF Output Level</b>	700mV
<b>RF Output Impedance</b>	50 $\Omega$
<b>RF Input Level</b>	100-2KV
<b>Power Consumption</b>	55W and 8W of standby
<b>Power Supply</b>	AC220V or 115V, 50-60Hz
<b>Dimension</b>	440(W) $\times$ 232(D) $\times$ 75(H)mm
<b>Weight</b>	3.6kg

# TS-702

## 12 Channel Interpreter Unit



### Features:

- ✓ Main equipment of language distribution and simultaneous interpretation system.
- ✓ 12 languages (1 ground and 11 international) simultaneous translation and distribution system.
- ✓ Ideal for international summit meeting, religious meeting and hotel rental use.
- ✓ The spokesman's speech in different languages will be sent to the interpreter unit by the IR transmitter, the translator will select the language to translate by the interpreter unit, the translated speech will be simultaneously sent back to the IR transmitter. This transmitter will receive 12 different voice inputs then generate the infrared wireless signal through the 12 different outputs to be radiated by the IR radiator, while the attendant with IR receiver could receive different translated language by selecting different receiving channels.
- ✓ Stable strong signal for accurate wireless infrared transmission system to prevent interference.
- ✓ One interpreter unit capable of receive 12 channels and translate 1 language to be received by the IR receiver.
- ✓ The system capacity of connection 11 interpreter units.
- ✓ With inter-lock technology for same channel to ensure the correspondent of channel and language.
- ✓ With indirect translation function, the interpreter can monitor others translation when the speech from the spokesman could not be understood, by this way, she can continue his translation without any delay.
- ✓ Built-in 3" LCD to display the input and output channel in English, With busy and mute indicator.
- ✓ Slow reminding button to spokesman to remind slow down the speaking speed.
- ✓ With cough-proof function by automatically delete the noise.
- ✓ With headphone input and volume control, Output volume attenuator to avoid feedback.
- ✓ Built-in speaker to monitor her own translation.
- ✓ With 25 Pin input from transmitter and one link output to next interpreter unit with spare 13 Pin input

### Specification:

<b>Model</b>	<b>TS-702</b>
<b>Description</b>	12 Channel Interpreter Unit
<b>Translation Way</b>	Both direct and indirect translation
<b>Channel</b>	Ground and 11 languages
<b>Input</b>	Earphone input
<b>Frequency Response</b>	100-14KHz
<b>S/N Ratio</b>	>75dB
<b>Channel Separation</b>	>70dB
<b>THD</b>	<0.5%
<b>Connector</b>	One input for transmitter and one line output for next interpreter unit
<b>Power Consumption</b>	2W
<b>Power Supply</b>	DC24V from transmitter
<b>Dimension</b>	290(W)×198(D)×90(H)mm
<b>Weight</b>	2.2kg

# TS-703

## IR Wireless 12 Channel Receiver



### Features:

- ✓ Main equipment of language distribution and simultaneous interpretation system.
- ✓ 12 languages (1 ground and 11 international) simultaneous translation and distribution system.
- ✓ Ideal for international summit meeting, religious meeting and hotel rental use.
- ✓ The spokesman's speech in different languages will be sent to the interpreter unit by the IR transmitter, the translator will select the language to translate by the interpreter unit, the translated speech will be simultaneously sent back to the IR transmitter. This transmitter will receive 12 different voice inputs then generate the infrared wireless signal through the 12 different outputs to be radiated by the IR radiator, while the attendant with IR receiver could receive different translated language by selecting different receiving channels.
- ✓ Stable strong signal for accurate wireless infrared transmission system to prevent interference.
- ✓ One IR receiver capable of receive 12 languages by select different channels.
- ✓ The system capacity of connection more than 5,000 IR receivers.
- ✓ Pocket mini size for easy handheld use, with power switch, volume control and channel selector.
- ✓ With IR receiver cover to prevent dust and filter lighting.
- ✓ With earphone input to listen the different translations.
- ✓ The LCD could display the selected channel, the battery status and signal strength.
- ✓ Powered by the built-in rechargeable lithium battery. Full working time of 8 hours and 32 hours of standby.
- ✓ With battery protection cover lock only to be opened by the supplied key.
- ✓ With battery charge box to charge the IR receive directly before the use.
- ✓ Earphone TS-705 is already included. Earphone TS-706 is optional to buy to work with the IR receiver.

### Specification:

<b>Model</b>	<b>TS-703</b>
<b>Description</b>	IR Wireless 12 Channel Receiver
<b>Modulation Way</b>	FM modulation
<b>Frequency Synthesis</b>	Digital PLL
<b>Frequency Band</b>	1.7-4.0MHz
<b>Frequency Response</b>	100-14KHz
<b>Frequency Stability</b>	10ppm
<b>Pre-emphasis</b>	75µSec.
<b>Distortion</b>	<0.5%
<b>Channel Separation</b>	>55dBA
<b>Control</b>	Power switch, volume and channel selector
<b>Input</b>	3.5mm earphone input
<b>Display</b>	LCD to display channel, battery and signal strength
<b>Power Consumption</b>	60mW
<b>Operation Power</b>	4.5V built-in rechargeable battery
<b>Dimension</b>	290(W)×198(D)×90(H)mm
<b>Weight</b>	0.1kg

## TS-704 Headphone



### Features:

- ✓ The headphone TS-704 is used to work with interpreter unit to listen the speech and use its built-in microphone to translate the language,
- ✓ It is designed with microphone head cover to avoid breathing feedback.
- ✓ The wear with comfortable foam and wear neck with adjustable length.

## TS-706 Earphone



### Features:

- ✓ The earphone TS-706 is option to work with TS-703 to listen the selected channel translation for attendant.
- ✓ It is head wear type with minimum light.
- ✓ The ABS material is strong enough to prevent from drop damage.
- ✓ It is supplied with one meter cables to easily be placed around neck or on the shoulder.

# TS-705 Battery Charger



## Features:

- ✓ The battery is exclusively designed to directly charge the IR receiver TS-703, which is used inside the IR wireless simultaneous interpretation system.
- ✓ It is designed with portable strong protection box easy for rentable and mobile use.
- ✓ It permits up to 24 batteries simultaneously charged.
- ✓ Charging time is about 3 to 6 hours.
- ✓ Power supply of AC220V or 115V, 50-60Hz.
- ✓ Built-in over charge protection to protect the lithium battery life span.
- ✓ With charging red indicator and full green indicator.

## Specification:

<b>Model</b>	<b>TS-705</b>
<b>Description</b>	Battery Charger
<b>Power Supply</b>	AC220V or 115V, 50-60Hz
<b>Power Consumption</b>	200W
<b>Charging Qty</b>	24 units
<b>Charging Time</b>	3 to 6 hours
<b>Indicator</b>	Red indicator flashing-charging, green indicator-full charged
<b>Operation Temp</b>	0°C to +40°C
<b>Dimension</b>	455(W)×340(D)×320(H)mm
<b>Weight</b>	10.75kg