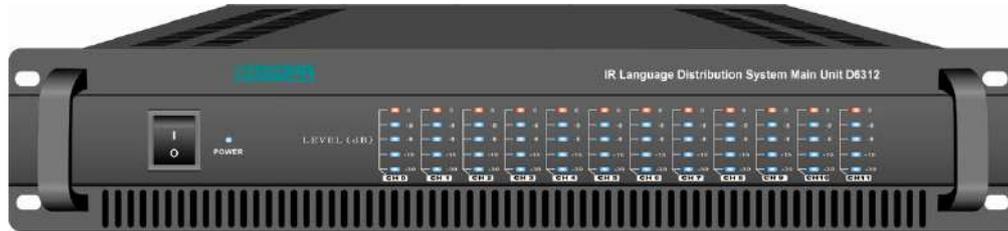


# D6312

## IR Transmitter



### Description

The infrared language distribution system adopts infrared transmission technology to realize language distribution, with an advanced transmission method and strong confidentiality. It is suitable for a variety of small, medium and large conference rooms and outdoor places with high requirements for confidentiality. The system can modulate and transmit up to 12 languages at the same time, and the participants can listen to the speech by selecting the desired channel only with a receiver.

### Features

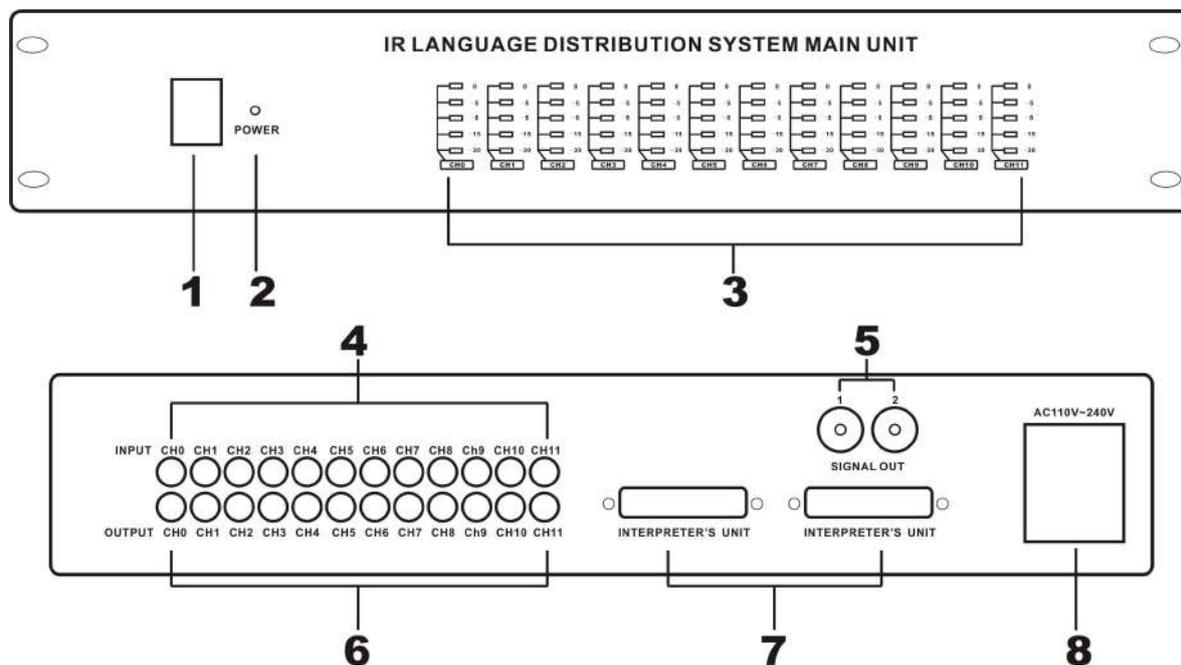
- With strong confidentiality to prevent external interference and eavesdropping.
- Suitable for small, medium and large international conference halls or outdoor venues.
- With automatic level control (ALC) function.
- With super strong anti-interference ability, free from interference from lighting and wireless communication equipment.
- Easy to operate, with less difficulty in engineering and lower costs.
- With the most advanced phase-locked loop (PLL) technology.
- Ergonomic in appearance design, compact and streamlined.
- With multiple sets of interpreter voice output channels, which can be used for recording.
- With multiple sets of voice input channels, it can modulate and transmit up to 12 languages simultaneously.
- With input level indication function, it can directly display the input level.
- Can be installed in a standard 19-inch cabinet.

### Specifications

Model	D6312
Modulation Mode	FM/Superheterodyne PLL
Carrier Frequency	1.7~4.0MHz
Audio Frequency Response	100~14KHz
Pre-emphasis	75uS

Modulation Depth	±15 KHz
Distortion	<0.5%
Channel Separation	>70dB
RF Output Level	700mV
RF Output Impedance	50 Ω
Input Impedance	18KΩ
Maximum Input Level	2V
AGC Range	30dB
S/N Ratio	>75dB
Interpreter Unit Interface	DB25(FEMALE)
Audio Input	RCA unbalanced ×12
Audio Output	RCA unbalanced ×12
RF Input/Output	RF Output BNC Connector ×2
Operating Voltage	AC110-240
Power Consumption	40W
Indication/Display	Channel Level Indication
Frequency Stability	10PPM

## Front / Rear Panel



### 1. Power Switch (POWER)

### 2. Power Indicator (POWER Indicator)

When the power switch is pressed, the power indicator will be on and the infrared transmitter will start to work.

### 3. Dynamic Audio Indicator for Each Channel (LEVEL Indicator)

When there is an audio output, the dynamic level indicator of the corresponding channel will be on.

### 4. Audio Input Channel 0~11 (CH0~11)

The audio source can be directly from input devices such as wired microphones, conference systems, and wired simultaneous interpretation systems.

#### **5. RF Signal Output 1 & 2 (SIGNAL OUT)**

Through such a connector, the transmitter can be connected to the infrared radiator with a 50Ω BNC cable. Multiple infrared radiators can be connected hand in hand in series (depending on the size of the venue).

#### **6. Audio Output Channel 0~11 (CH0~11)**

The audio signal can be directly transmitted to audio equipment such as mixing consoles and amplifiers with a shield audio cable.

#### **7. Interpreter Unit Interface (INTERPRETER'S UNIT)**

Through such an interface, 1~11 interpreter units can be connected hand in hand.

#### **8. Power Input Socket**

With built-in switching power supply. It can work normally with an AC 110V~220V, 50Hz~60Hz.