

## D6395

### Digital Infrared Interpretation System

#### Infrared Receiver



#### Description

D6395 is a Infrared Receiver used in many huge conferences. It adopt DQPSK digital demodulation technology and filter design and has better stability. And then with volume adjustment, channel adjustment, low power automatic shutdown, power down data storage functions. What's more, it supports D6395 charging box and Type-c charging.

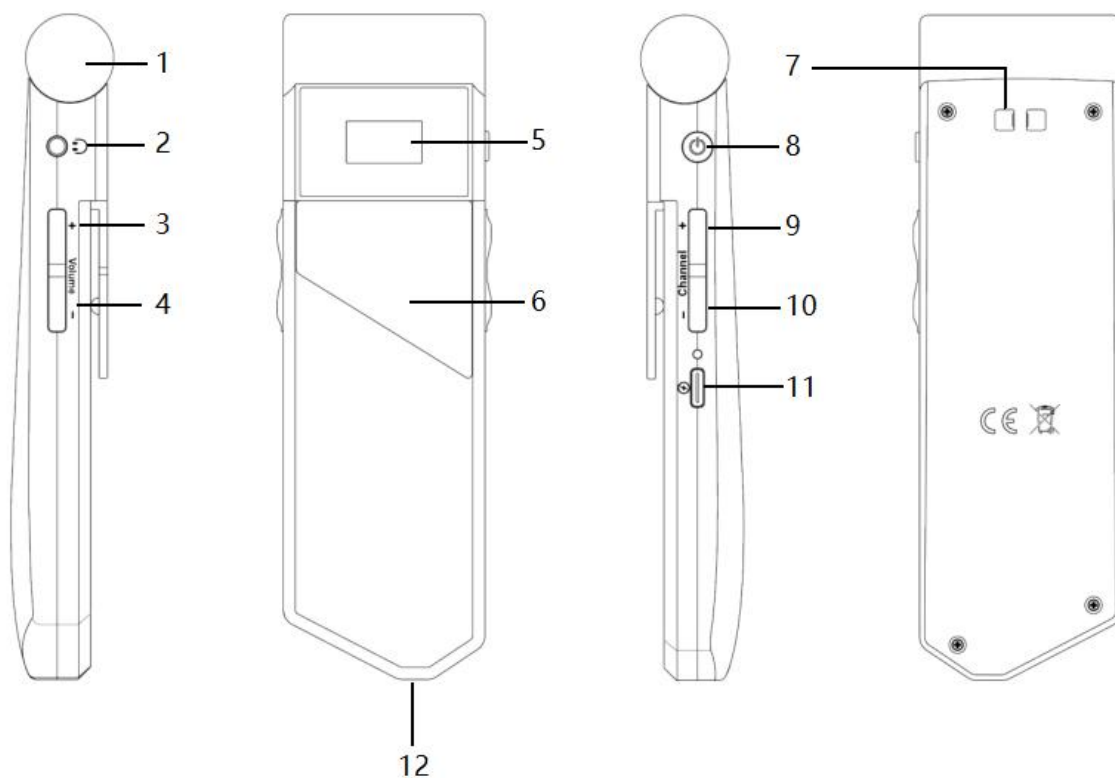
#### Features

- It complies with the international standard IEC 61603-7, compatible with other devices that comply with the IEC 61603-7 standard, can be used interchangeably.
- Adopting fully digital design, high audio quality, and high confidentiality.
- Adopting a brand new FPGA architecture, high throughput rate
- Adopting advanced DQPSK wireless demodulation technology, high stability
- Adopting a carrier frequency band of 2~6MHz, it is not affected by interference from high-frequency light sources.
- Adopting a band-pass filter design, it can effectively filter out unwanted light other than the effective light, and can operate normally in complex lighting environments such as daylight (avoiding direct sunlight), lighting lamps, and neon lights.
- The number of units can be infinitely increased within the range covered by the infrared radio frequency signal.
- Low power consumption design, capable of supporting continuous operation for more than 16 hours.
- Adopting rechargeable batteries, supports batch charging with charging box and independent charging with Type-C.
- It features a low battery warning function, supports automatic shutdown on low battery, automatic

- It supports autonomous selection of listening for channels 0-15.
- It features power-off memory retention.
- It features 17 volume adjustments (0-16).
- LCD display, showing channel number, battery level, signal strength, and volume.
- Ergonomic design, elegant appearance, comfortable to use.
- It supports both strap and clip-on hanging methods.

Model	D6395
Earphone Output Level	430mVrms
Earphone Output Frequency Range	20 Hz-20 kHz
Earphone Output Impedance	32Ω
Maximum Signal-to-Noise Ratio	> 76 (A) dB
Power Consumption	<450mW
Power Supply Voltage	3.35V-4.35V
Product Dimensions (L× W × H)	50×21×160mm
Package Dimensions (L× W × H)	535×395×130mm
Net Weight	0.1kg
Gross Weight	0.5kg

The diagram illustrates the architecture of the Infrared Interpretation System Host. At the top center is the **Infrared Interpretation System Host**, a rack-mounted unit with multiple ports and a display. It is connected to four **Infrared Radiation Panel**s (two on the left and two on the right). A **PoE Switch** is connected to the host and a **Translation Unit 1-16**. Below the PoE switch, a dashed box contains five **Receiving Unit**s (labeled 1 through 5) and an ellipsis, indicating multiple units. Each receiving unit is connected to a corresponding **Infrared Radiation Panel** at the bottom.



1. Infrared signal receiving chamber
2. Headphone interface
3. Volume plus button.
4. Volume reduction button
5. Display screen.
6. Clip
7. Hanging rope hole
8. Switch button
9. Channel plus button
10. Channel reduction button
11. Charging interface
12. Bottom charging contacts.