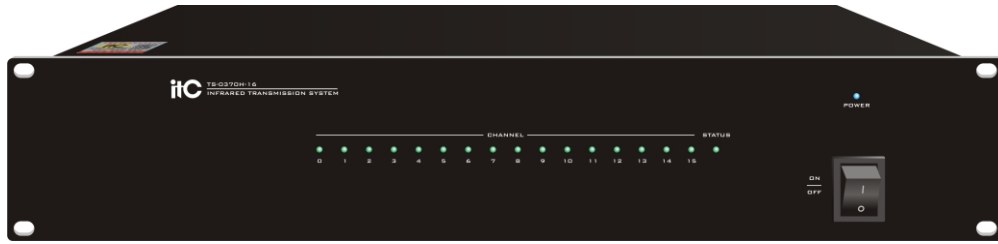




# Digital Infrared Transmitter

## TS-0370H-16



## Description

The digital infrared transmitter is the core of the digital infrared voice distribution system. It compresses and encodes digital audio into full digital DQPSK modulation for transmission, and the system can transmit 16 channels at the same time. The infrared transmitter can be installed in a 19-inch standard cabinet, which is easy to store and operate.

## Feature:

- \* In line with IEC 61603-7.
- \* With 16 audio outputs, it can be used for monitoring or connecting a deck for recording.
- \* With 4 signal output interfaces (BNC), it can be connected to the radiation panel.
- \* Adopt full digital DQPSK modulation technology, with high security.
- \* High-speed DSP processing, beautiful sound quality.
- \* Adopt higher transmission frequency (2-6MHz, IEC61603 BAND4 frequency band), not interfered by high frequency driving light source.
- \* With input level indication function, the LED lights on the front panel can display the input status of the corresponding channel.
- \* With 16 external audio inputs, it is suitable for large international conference venues.
- \* Compatible with full digital conference system, full digital conference audio can be obtained through the aviation cable, and infrared simultaneous interpretation can be performed.
- \* The power input is AC 100V-240V, 50-60Hz; it has passed the high voltage (3500V) test before leaving the factory to ensure compliance with safety standards.
- \* The housing is made of metal materials; the connection between the circuit and the housing and the ground wire is strengthened to ensure the ability to resist 8000V static electricity.

## Specification

Model	TS-0370H-16
Number of interpreter units	378
Number of channels	16CH
Frequency response	High sound quality: 50Hz~20kHz Low sound quality: 120Hz~10kHz
SNR	>75dB(A)
Dynamic range	>80dB
Channel crosstalk	>80dB
THD	<0.05%
Input voltage	~96V-264V 50/60Hz
Audio input	LINE IN 0-15: 350mV unbalanced
Audio output	LINE OUT 0-15: 1V unbalanced
Output load	>1KΩ
Static power	25W
Connection method	BNC (standard 75-5Ω coaxial cable)
Connector reliability	Reliable
Working temperature	-10°C~+60°C
Working humidity	20% ~ 80% relative humidity, no condensation
Color	Black
Installation method	19-inch standard cabinet
Weight	4.23kg
Dimension (L×W×H)	484×305×88mm