



**Analog IR Simultaneous Interpreter System**

**YS504M**

## Overviews

The YS504M fits seamlessly in the chain which starts with congress Systems and continues through interpreters. With YS504M taking care of language distribution, you know that Interpretations will always arrive in perfect condition. This system is ideal for use in business and government conferences, international conventions and other multilingual applications, offering simultaneous interpretation and wireless audio distribution for up to 8 different languages plus the floor language using state-of-the-art infrared transmission technology. It complies with the IEC industry standards, operating in the higher frequency band to avoid lighting interference.

The modular design of the Infra-Red Language Distribution System enables the required facilities to be specified in virtually any desired configuration, permitting a high degree of system flexibility.

## System Configuration

Transmission main unit, IR Radiator, IR Receiver, Rechargeable storage box and Interpreter unit

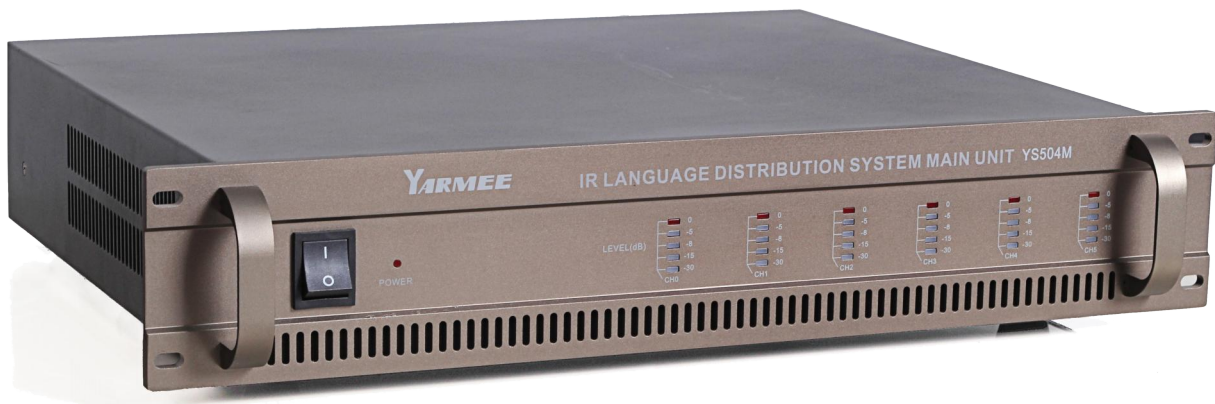






**IR Transmission main unit-YS504M**

The YS504M Digital Transmitter is the central modulator unit in the digital infrared system. It accepts audio from the YS504M or other compatible audio sources. The YS504M modulates the incoming audio signals onto carrier waves, which are sent directly to one or more YS504X Digital Infrared Radiators. The output from the radiator is then passed on to each YSN504R delegate receiver.



**Features**

- High security, prevent external interference
- Suitable for different conference hall
- Automatic level control function (ALC)
- No disturb under daylight lamp
- Easy to operate and save in project cost
- With the most advanced technology
- Elegant configuration in accordance to ergonomics
- Input channel direct function
- Has 4CH interpreter's voice for record
- PB test and display function
- Installed in a 19-inch frame

**Specifications**

Modulation mode	FM
Frequency synthesis	Digital PLL
Frequency band	1.7 - 4.0MHz
Frequency response	100Hz-14kHz
Frequency stability	10ppm
Pre-emphasis	75 μSec
Distortion at 1 kHz	<0.5%
Channel separation	>70dB
RF output power level	700mV
RF output impedance	50 ohms
Input impedance	18k ohms
Max. input power level	2V
AGC range	30dB
S/N ratio	>75dB
Power consumption	40W
Operating voltage	230V/50Hz



**IR Receiver-YSN504R**

The ergonomically designed receivers fit easily into a shirt or jacket pocket. 4 different channels can be received. Easy channel selection and an ingenious coverage checking function make life easy for users and installers alike, which comes in an attractive and stylish design, easily into the hand or a shirt pocket. The comfortable lightweight DH 6021 stereo headphone is highly suited to the receiver.



YSN504R

**Features**

- Pocket size wireless handheld unit
- Accommodates up to 4 different languages
- Channel selector and headphone connector
- Power on/off switch and volume level control
- Powered by rechargeable batteries
- Aluminum carrying cases provided for receivers
- Volume, channel and signal level display on LCD

**Specifications**

Modulation mode	FM
Frequency synthesis	Digital PLL
Carrier frequencies	1.7 - 4.0MHz
Pre-emphasis	100Hz-14kHz
Pre-emphasis	75 μSec
Distortion at 1 kHz	<1%
Channel separation	>55dBA
Frequency stability	10ppm
Operating voltage	3.1V-5V
Power consumption	60m

**IR Radiators-YS504X**

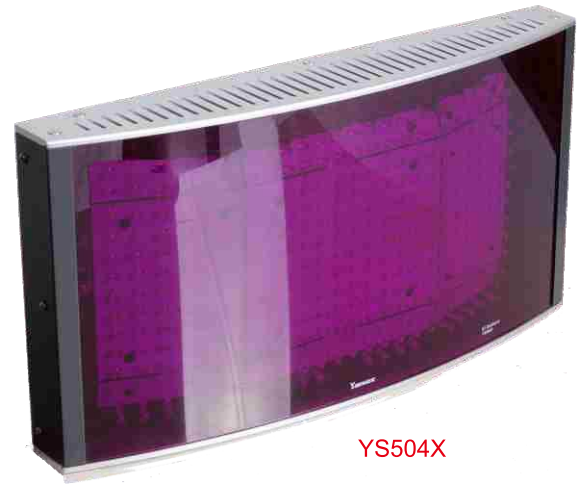
The radiators transmit at a much higher frequency (2 to 8 MHz) to completely eliminate any interference from hall lighting. Different Radiators are available to suit venues of various sizes.

**Features**

- Auto switched on/off by signals from transmitter unit
- Auto gain control to ensure diodes with max. efficiency
- Convection cooled for noiseless, reliable operation
- Mounted on ceiling, wall, floor stand or optional tripod
- Easily daisy-chained together to expand coverage
- Half radiator angle:  $\pm 22^\circ$

**Specifications**

Frequency band	1.7 - 4.0 MHz
Max. IR output power	25W
Max. coverage range	30m
Output level control	Low/High (50%/100%)
Angle of half intensity	$\pm 22^\circ$
RF output impedance	50 ohms
RF input voltage	100-2000mV
Power consumption	55W / Stand-by 8W
Power Supply	230V/50Hz



YS504X

**Interpreter Console Unit-YS504I**

This system fits seamlessly in the chain which starts with congress systems and continues through interpreters. Under it taking care of language distribution, you know that interpretations will always arrive in perfect condition

**Features**

- Work with headset earphone
- 4-12 channels simultaneous interpretation
- Easy to operate, just with a single press
- IR Transmit main unit could connect 8 interpreter's units
- Voice adjustable and with prevention on feedback
- Delegates speak too fast; give a request for slow the speed
- Automatic numbering on system units
- Prevention on interpreter's cough
- One interpreter's unit can be used for two interpreters in turn
- Comfortable stereo head- phones or lightweight ear hangers which are even more unobtrusive



YS504I



YS504I-2

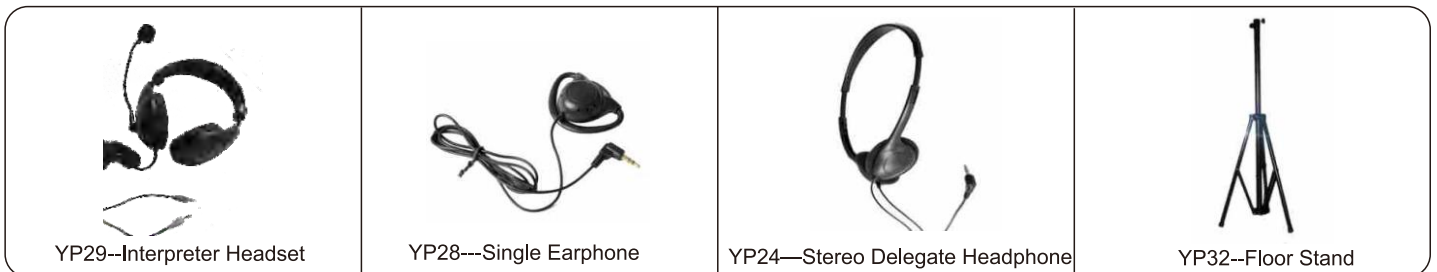


**Rechargeable Storage Case –YS504C**

This cabinet shall be used to recharge receiver units. The cabinet shall be stylishly designed and shall be intended for fixed installations. It shall be suitable for wall mounting and desktop use. Each charging position shall ensure high charging performance with optimum battery lifetime.

**Features**

- Used to recharge the IR receivers
- Power supply: 230V/50Hz
- Storage 24 units Receiver

**Accessories:**

**YP45****Standard Interpreter booth for two person****Features**

- Compliant to ISO 4043
- Various colors can be customized
- Odorless, antistatic, fire-retardant material
- Optimum insulation and sound absorption
- Hinged door (with observation window 0.20 m x 0.20 m), opens outwards, operates silently
- Easy to set up and strike down. One person can finish this job in 15 min without any tool.
- Booth to hall (and vice versa) . sound pressure level difference: >24 dB (1 kHz)
- Reverberation time inside the booth: between 0.3 and 0.5 s (octave bands from 125 Hz to 4000 Hz, booth unoccupied).
- Ventilation system (purging 8 times per hour at least) of interpretation booth uses low-noise exhaust fan
- Internal dimensions of the booth h\*w\*d (cm): 200\*160\*160, accommodates two interpreters
- Shipping needs Interpreter Booth Shipping Case



## YP44

### Table Interpreter booth for two person

#### Overviews

YARMEE Simultaneous Interpreter Booth is developed not only to meet but surpasses ISO-4043. The tabletop style interpreter booth is made of sound absorbent materials and more light in weight. Based on years of solid experience in Interpreters booth manufacturing, our interpreter is made from 6063 aluminums and designed user friendliness, swift to mount. With 600mm(W) x 1200mm(D) x 600m(H) ample working space created in a safe and solid construction, with cable in and outlets situate in the sidewall. Sure YARMEEs Simultaneous Interpreter Booth can provide you a comfortable working environment, and is your ideal choice for simultaneous interpretation.



#### Configuration

- The booth consists of 4 wall panel with 2 roof element
- 2 cable outlets
- sound absorbent materials used
- Leather coated surface inside
- Anti-abrasion 5mm polycarbonate window

#### Benefit

- Easy installation, can be performed by 1 person, just need 2 minutes
- Very comfortable working environment
- Clear view window (safety glass)
- Durable build
- Good looking and Comfortable
- Suitable for all types of conference systems

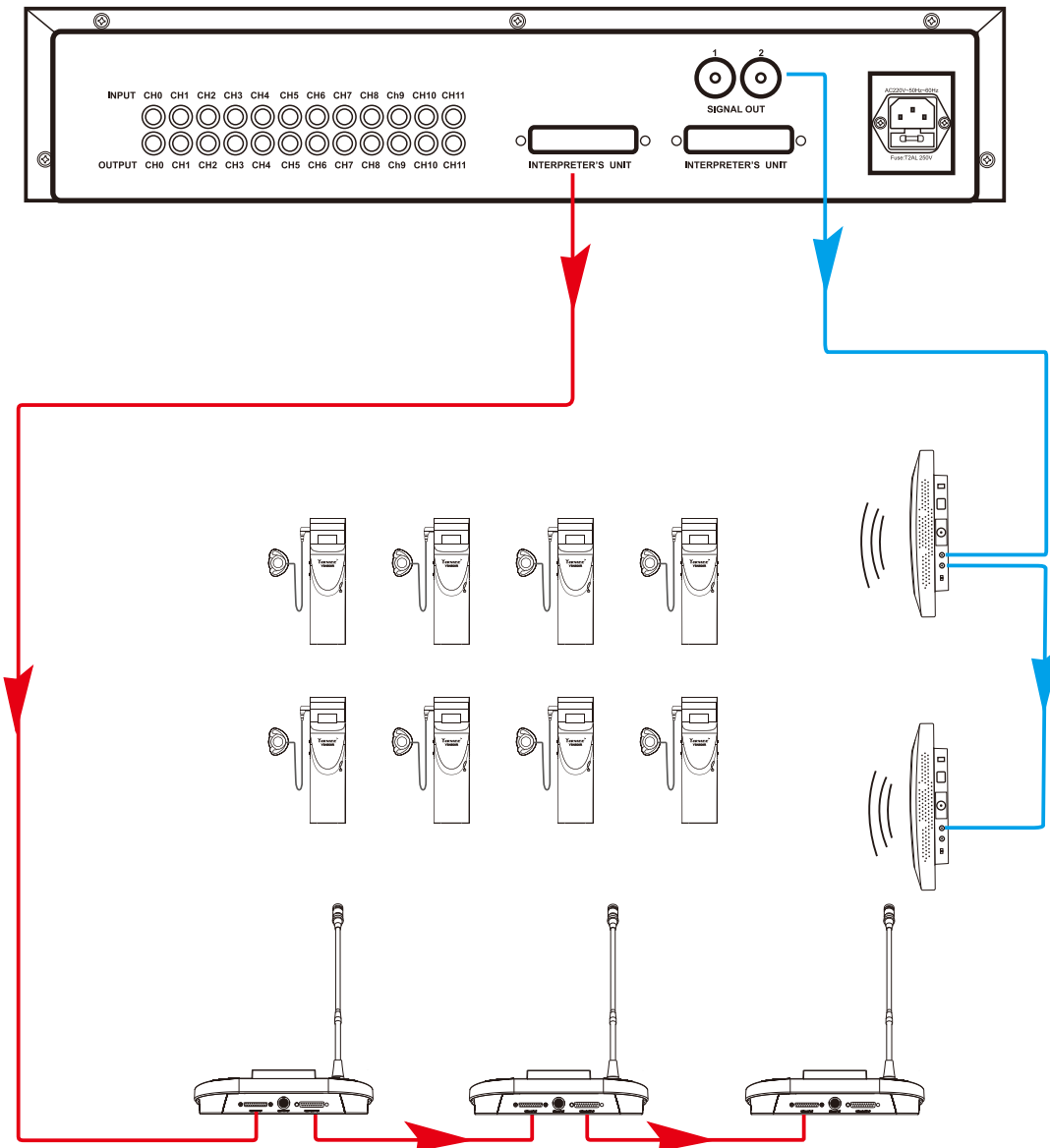
#### Dimensions

- Outside dimension: 600mm(W) x 1200mm(D) x 600mm(H)
- Number of booth parts including roof: 6 parts





**Connection Diagram**



**Pictures of projects**

