Translation. Equipment

BTSIC2

Professional (Two-Way) Bilingual Simultaneous Interpretation System.

US-based warranty & tech support

This Professional Bilingual System is designed to work when two-way interpretation and/or limited relay capabilities are needed. The BTSIC2 system provides superior sound quality and coverage range, combining multiple-channel transmitter and receivers, as well as a dual interpreter console with limited relay capabilities, which allows one or two interpreters to monitor floor or relay sources, activate microphone inputs, and route the interpretation signal to one of two language groups. It can be expanded by adding an unlimited number of receivers.

This system is designed to work from the simplest interpretation settings, where the floor language remains the same, to complex scenarios, where the floor language might change. By assigning one language per channel, it allows the audience to keep their headphones on at all times, always listening to their own language.

Features:

- Two-way interpretation.
- IC-2 console can accommodate two interpreters per language.
- Operating range of 500 ft (Expandable up to 1000ft.)
- Superb sound quality and reliability.
- Expandable to an unlimited number of receivers.

Ideal for:

Bilingual Conferences

Meetings

Court Proceedings

Components

R-120 Receivers with headphones

- 20 user-selectable channels.
- Superb sound quality.
- LCD screen.

- Innovative and attractive design.
- Robust engineering for maximum reliability and durability.
- Small & lightweight.
- Multiple carrying options: (Belt clip, Neck strap & Velcro arm-band.)
- Channel lock feature.
- 100% digitally tuned.
- Long battery life (up to 55 working hours.)
- Limited lifetime warranty.

T-500 Transmitter

- 17 selectable channels in 72-76 MHz.
- Superb Audio Quality.
- Expandable transmission range of up to 1000ft with external antenna.
- Easy set up and operation.
- Broadcasts to an unlimited number of receivers.
- Multiple inputs and connector types.
- LCD display with backlight.
- Tabletop or rack-mountable.
- FCC/IC approved.
- Limited lifetime warranty.

INT-SENMIC Interpreter Headset

- Interpreter Headset with two 3.5mm plug.
- Stereo headset with high quality audio.
- Passive noise-canceling microphone for clear conversation.
- Plug-and-play dual 3.5 mm jacks.
- Lightweight on-ear headset designed for comfort and the rigors of daily use.

IC-2 Interpreter Console

- Built-in distribution amplifier and mini mixer reduce the need for external equipment and greatly simplify setup.
- Floor language feed-through
- Interlocking microphone and relay output functions.
- Enhanced flexibility, providing each interpreter with multiple microphone and headset options.
- Five-year warranty.

Accessories

CAS-25 Carrying and Shipping Case

- Holds up to 25 Enersound FM receivers.
- Convenient compartment for headphones and other accessories including a desktop transmitter and microphone.
- Waterproof, impact resistant, crushproof, dustproof.
- Powerclaw™ latching system.
- Soft grip foldable handle.
- Lightweight NK-7™ resin &100% stainless steel hardware.
- Automatic pressure release valve.
- Padlockable and stackable.
- Convoluted polyurethane foam on lid to gently secure items.
- Custom die cut polyethylene foam divisions.

RM-502
Dual Rack Mount Kit for T-500

Allows to mount 2 Enersound T-500 FM transmitters on a standard 19" rack.

RM-501
Single Rack Mount Kit for T-500

Allows to mount one Enersound T-500 FM transmitter on a standard 19" rack.

ANT-501
Remote Antenna w/ 50' coax cable

Used with Enersound T-500 FM Transmitter when the transmitter must be placed in a different area such as an adjacent room from where the audience is located.

EAR-102
Single Earphones

With gold-plated 3.5 mm stereo plug for R-120 receivers.

HEAD-702
Headphones

ES-12-PB-8002
Simultaneous Interpretation Mobile Booth for two interpreters

• Low noise Airvac fan units.
• Wide hinged door.
• Low accessible doorstep.
• Easy cable access.
• Interlocking extrusions for simple assembly.
• Soundproof sealing.
• Clear acrylic window design.
• Expandable panels.
• Stylish interior lining.
• Comfortable and solid working surface.
• Sturdy and low maintenance exterior.
• Meets ISO 4043-1998.

TTBooth Portable Tabletop Interpretation Booth

• Ideal for workshops and small meetings where space is limited.
• Fits one or two interpreters comfortably.
• Superior sound attenuation, lightweight and fully mobile.
• Easy to assemble with low operation costs.
No special tools required for assembly.
• Open back air ventilation.
• Fits on top of a 6ft or 8ft table. (Table not included.)
• 1 Soft carrying case included.

ES-12-PB-8005 Congress ISO-Compliant Fully Enclosed, Sound-Proof Interpretation Booth

• Fits one or two interpreters comfortably.
• Provides acoustic separation between interpreters and conference participants allowing for a comfortable working environment.
• ISO-4043-2016 compliant.
• Ideal for simultaneous interpretation, meetings, and conferences.
• ((10) panels with QuickLock locking system.
• 1 Removable working table and rolling shipping case included.
• 6-volt Air extractor fan units.
• LX 350 LED lights with remote control.
• CO_2 GAZ detector.

System Set-up

Audience

Delegate Wireless Receivers

Language 1

T-500

FM Transmitter

Language 2

T-500

FM Transmitter

ic-2

WILLIAMS SOUND

Headset 1

Headset 2

Dual Interpreter
Unit

EXTERNAL PA SYSTEM

Technical Specifications

T-500 Transmitter

- Operating Frequency: 72.1-75.9MHz.
- Number of Channels: 17 Selectable.
- Frequency Deviation:
    - Selectable, Wide: +/- 75kHz or
    - Narrow: +/- 25 kHz (Max Deviation.)
- Frequency Accuracy: +/- 0.005%
- Transmitter Stability: +/- 20ppm.
- Output Power:
    Hi: 80,000uV/m at 3m.
    Low: 40,000uV/m at 3m.
- Antenna: 50 ohm rubber ducky antenna or optional remote antenna.
- Antenna Connector: Modified TNC.
- Compliance: FCC part15, Industry Canada.
- Frequency Response: 100Hz ~15KHz
- Signal to Noise Ratio: 70db.
- System Distortion:<2%(THD) at 80% dev.
- Audio Input 1: 3-Pin XLR and ¼" (TRS) combination jack for MIC or LINE level Balanced or unbalanced. Nominal input level 0/56dbu (0.77V/1.3mV) (line/mic). Phantom Power:12VDC PIN 2&3 on XLR or Tip and Ring on ¼" TRS Jack.
- Audio Input 2: RCA Jack, unbalanced Line Level -10dBu nominal, 100KΩ.
- External Monitor In: RCA Jack, unbalanced, Line Level -10dBu nominal, 100KΩ.
- REC Output: RCA Jack, unbalance output, Line Level -10dBu nominal, 10 ohms.
- MIC Input: Front panel: 3.5mm 1/8" TRS jack, supplies +DC on tip for electret mics.
- Audio Processing:signal compression 2:1.
- Headphone Out: 3.5mm stereo TRS jack, adjustable output level, Max Power 61mW @8ohm, Impedance: 4~16ohm.
- Power Supply: In:100~240VAC, 50-60Hz., Out:15VDC, 1A. Connector: 5.00mm OD, 2.5mm ID, barrel type.

- Temp. Operation: 23F to + 104F.
- Temp. Storage: -4F) to + 140F.
- Humidity: 0~95% Relative Humidity.
- Dimensions (DxWxH): 5" x 5.5" x 2.36"
- Unit Weight: 1.2 lbs. (0.54 Kg.)
- Shipping Weight: 2.2 lbs. (1.1 Kg.)
- Rack Mounting: 1 1/2 rack space height, 1/2 rack space wide. One or two transmitters can be mounted in 1 1/2 rack space with optional rack mounts RM-501 or RM-502.

R-120 Receivers

- Batteries: (2) alkaline AAA (1.5V x 2) Or (2) NiMH AAA rechargeable.
- Battery life:
    - Up to 55 hours of use w/alkaline batteries.
    - Up to 40 hours w/NiMH rechargeable.
- Number of channels: 20 user-selectable.
- Frequency range: FM 72.0 to 76.0 MHz.
- FM deviation: +/- 75 KHz.
- De-emphasis: 75 uS.
- Sensitivity: 1.12 uV at 12 db SINAD.
- Signal to noise ratio: 55 db at 100 uV.
- Audio frequency response: 80 Hz to 12 Khz.
- Audio power:33 mW +33 mW at 32 ohms.
- Audio connector: 3.5mm stereo phone jack.
- Current consumption: 22 mA nominal.
- Dimensions: 3" Diameter,1.22" High
- Weight without batteries: 2.3 ounces (65g.)

Tech Specs

IC-2 Interpreter Console

• Dimensions/Weight/Color: 10" (25.4cm) x 6.35" (6.2cm) x 2.45" (6.2cm) / 3.4 lbs (1.5 kg) / Black and Silver.
• Power: 18VDC Desktop Style Switching Inverter, 110-240VAC, 50-60Hz, 1A.
• Floor In: 3-pin XLR female jack.
• XLR Microphone Inputs: 3-pin XLR female jack, balanced (or unbalanced) input. Switchable 12VDC simplex power.
• 3.5mm Microphone Inputs: Stereo 3.5 mm TRS phone jack, pink, and stereo 3.5mm TRRS phone jack, black, unbalanced (r,s) for electret condenser mics.
• 3.5mm TRRS Headphone Output: 3.5mm TRRS phone jack, Tip = Left, Ring 1 = Right, Ring 2 = GND, Sleeve = Mic. 40mW max power into 32 Ω stereo headset.
• 3.5mm Headphone Output: 3.5mm TRS phone jack, mono or stereo headphone, 8 Ω minimum.190mW max power into 32 Ω stereo headset.
• Norm Out, Relay Out: 3-pin XLR male jack, balanced output.
• Frequency Response: 45Hz to 20kHz, +0/-3dB re: 1kHz with flat bass/treble.
• Distortion at 1kHz: [lt]0.5% THD @ full power.
• Signal to Noise Ratio: [gt]82dB @ 1kHz.
• Crosstalk Attenuation: [gt]63dB @ 1kHz.
• Tone Controls: Bass: +12dB Boost or -12dB Cut @ 100Hz.
• Treble: +12dB Boost or -12dB Cut @ 10kHz.
• Approvals and Declarations: CE, FCC, Industry Canada, RoHS, C-Tick, CB.

Available packages

BTSIC2-25 (25-person)

SHOP BTSIC2-25

• (25) Enersound R-120 Digital FM Receivers with LCD screen (no backlight.)
• (25) Enersound Double Earphones for Audience.
• (2) Enersound T-500 17-Channel Base Transmitter.
• (2) Interpreter Headset with Microphone.
• (1) IC-2 Dual Control Unit.
• (2) 12' XLR Male to XLR Female Professional Cable (to connect transmitters to interpreter console.)

BTSIC2-50 (50-person)

SHOP BTSIC2-50

• (50) Enersound R-120 Digital FM Receivers with LCD screen (no backlight.)
• (50) Enersound Double Earphones for Audience.
• (2) Enersound T-500 17-Channel Base Transmitter.
• (2) Interpreter Headset with Microphone.
• (1) IC-2 Dual Control Unit.
• (2) 12' XLR Male to XLR Female Professional Cable (to connect transmitters to interpreter console.)

BTSIC2-100 (100-person)

SHOP BTSIC2-100

• (50) Enersound R-120 Digital FM Receivers with LCD screen (no backlight.)
• (50) Enersound Double Earphones for Audience.
• (2) Enersound T-500 17-Channel Base Transmitter.
• (2) Interpreter Headset with Microphone.
• (1) IC-2 Dual Control Unit.
• (2) 12' XLR Male to XLR Female Professional Cable (to connect transmitters to interpreter console.)

***Important:** Packages can be customized for other quantities.*