

Interpreter's Control Center, Model IC-1

Simultaneous Language Interpretation Device



The Interpreter's Control Center, Model IC-1

**YOUR SOLUTION
FOR 2 TO 4
LANGUAGE
INTERPRETATION
APPLICATIONS**

THE DEMAND FOR LANGUAGE interpretation continues its exponential growth in a variety of environments:

- Business & Government Meetings
- International Conferences
- Bilingual Worship Services
- Classrooms
- Courtrooms

These applications usually do not require expensive and complicated conference systems. The IC-1 Interpreter's Control Center from Williams Sound handles two, three, or four languages—all at a price you can handle.

► How It Works

With this self-contained audio control center, your interpreters listen to the program directly from the floor or another interpreter while simultaneously interpreting into a microphone.

The IC-1 directs their microphone signal to a transmitter from which the interpreter's voice is broadcast. Listeners use pocket receivers and earphones to hear the language of their choice.

► Can Handle Both Simple & Complex Configurations

Used as a stand-alone unit, the IC-1 is capable of handling dual language applications. Used in tandem, multiple IC-1s may be combined to economically handle up to four languages.

► Versatile Inputs & Outputs

The four function selector buttons, (Off, Normal, Relay, and Key) select what the interpreter will hear and where his or her mic signal will be sent.

The IC-1 provides a relay function and can accommodate a single, key language "pivot" interpreter.

► Microphone Flexibility

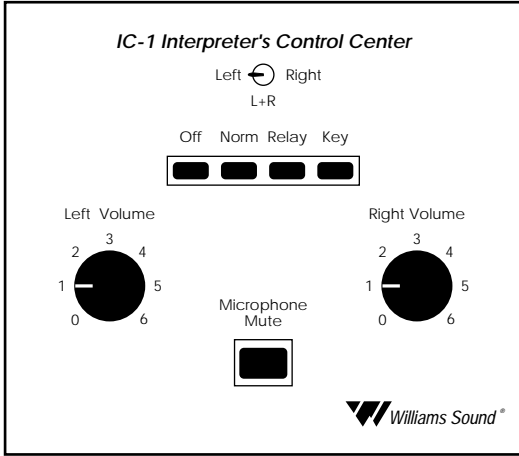
Interpreters can choose to use standard table mics or communications headsets with boom microphones.

Other features include separate microphone inputs and headphone outputs for two interpreters, individual volume controls, mic selector switch, active mic indicator lights, and a mic mute (cough) button.

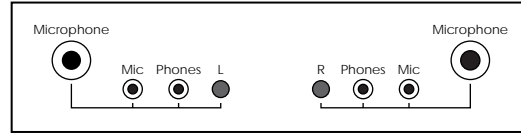
► The Williams Sound Warranty: Your Assurance Of Quality

At Williams Sound, we're certain of our quality. That's why we back the IC-1 Interpreter Control Center with a 3-year warranty, your assurance of both quality and satisfaction.

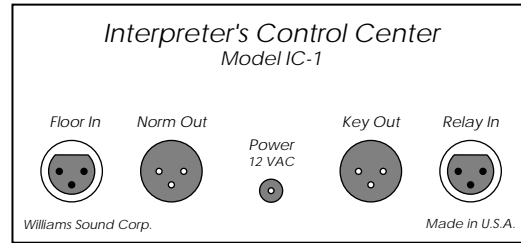
IC-1 INTERPRETER'S CONTROL CENTER SYSTEM SPECIFICATIONS



IC-1 Top Panel



IC-1 Front Panel



IC-1 Rear Panel

Interpreter Control Center, Model IC-1

Dimensions, Weight: 7" (17.7 cm) W x 5.625" (14.3 cm) D x 3.125" (9.3 cm) H, 1.82 lbs. (.83 kg)
 Color: Beige epoxy paint with black legends, blue bottom and side panels
 Power: External power supply, 12 VAC, 50 or 60 Hz, 10 VA, (TFP 008 Power Supply)
 (A 240 VAC Power Supply is also available, TFP 008 HV)

Inputs

Floor In, Relay In: 3-Pin XLR female jack, balanced or unbalanced line-level, Max 3.8 Vrms, Gain 6 dB, 43 k Ω input impedance

1/4" Microphone Inputs: Left and right, 1/4" TRS phone jack, balanced or unbalanced mic-level, Max 70 mVrms, Gain 46 dB, Supplies simplex DC power for electret mics, 1.75 k Ω input impedance

3.5 mm Microphone Inputs: Left and right, 3.5 mm TRS phone jack, unbalanced (T,S) for condenser mics, Max 70 mVrms, Gain 46 dB, Supplies DC power on tip, 1.75 k Ω input impedance

Outputs

Key Out, Norm Out: 3-Pin XLR male jack, balanced or unbalanced line-level, 7.7 Max Vrms, 56 Ω source impedance

Phones: 3.5 mm TRS phone jack, mono or stereo headphone, 8-32 Ω , 63.7 mW at 8 Ω load max

Controls

Volume: Left and right, rotary, controls headphones volume

Mic Switch: 3-way toggle. Selects left mic, right mic, or both

Mute Switch: Push button. Mutes left and right mics when depressed

Function Switch: 4-way push button. Selects OFF, NORM, RELAY, or KEY modes

OFF Mode: Floor input (FLOOR IN) is fed to the interpreter's headphones to allow monitoring of the meeting. Interpreter's microphones are muted.

NORM Mode: Floor input (FLOOR IN) is fed to the interpreter's headphones. The selected interpreter's microphone is fed to the normal output (NORM OUT).

RELAY Mode: Interpreter monitors the relay input (RELAY IN) while the selected microphone feeds the normal output (NORM OUT).

KEY Mode: Used to feed a second language audience. The interpreters monitor the floor input (FLOOR IN) while mics feed the key output (KEY OUT).

Feedthru Jumpers: Located on bottom of cabinet. Used to select floor signal feedthru options.

J1: Feeds the floor signal to the normal output (NORM OUT).

J2: Feeds the floor signal to the key output (RELAY OUT)

Recommended Microphone

MIC 079 Dual headphone, condenser mic, 3.5 mm plug (MIC 079)

COMMON SIMULTANEOUS INTERPRETATION CONFIGURATIONS

Two Languages, Two Interpreters, Two IC-1s, WIR TX600 Infrared Listening System

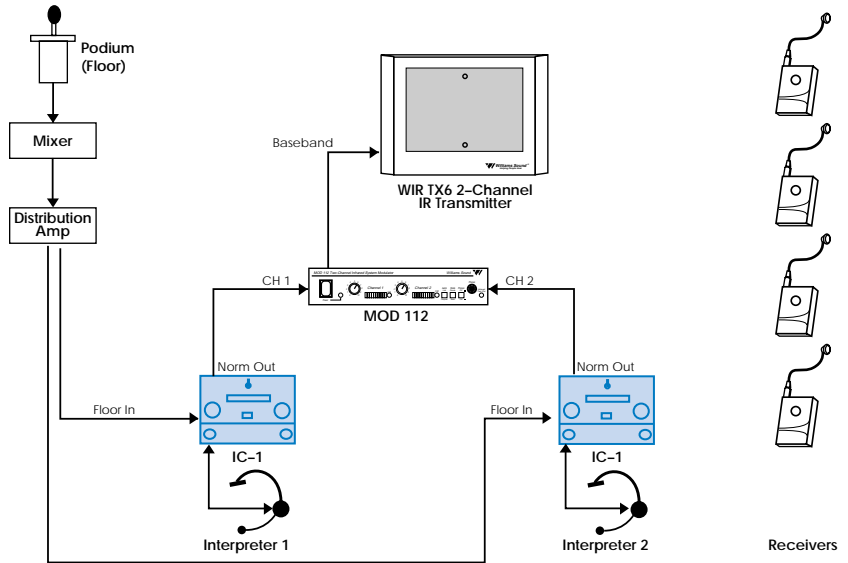
Each Interpreter operates independently. Both monitor the floor signal via the FLOOR IN connection.

Interpreter 1 selects the NORM button to send their mic signal to channel 1 on MOD 112 via the NORM OUT connection.

Interpreter 2 selects the NORM button to send their voice to channel 2 on the MOD 112 via the NORM OUT connection.

With J1 Jumper closed on both IC-1's, the floor signal will feed thru the NORM OUT connection to the Transmitter when the interpreter selects OFF. This allows listeners to hear the floor language directly when it is their native language.

Listeners use two-channel wireless IR receivers (WIR RX5) to select the language they understand.



Four Languages, Four Interpreters with Relay Function, Four IC-1s, Four FM Transmitters

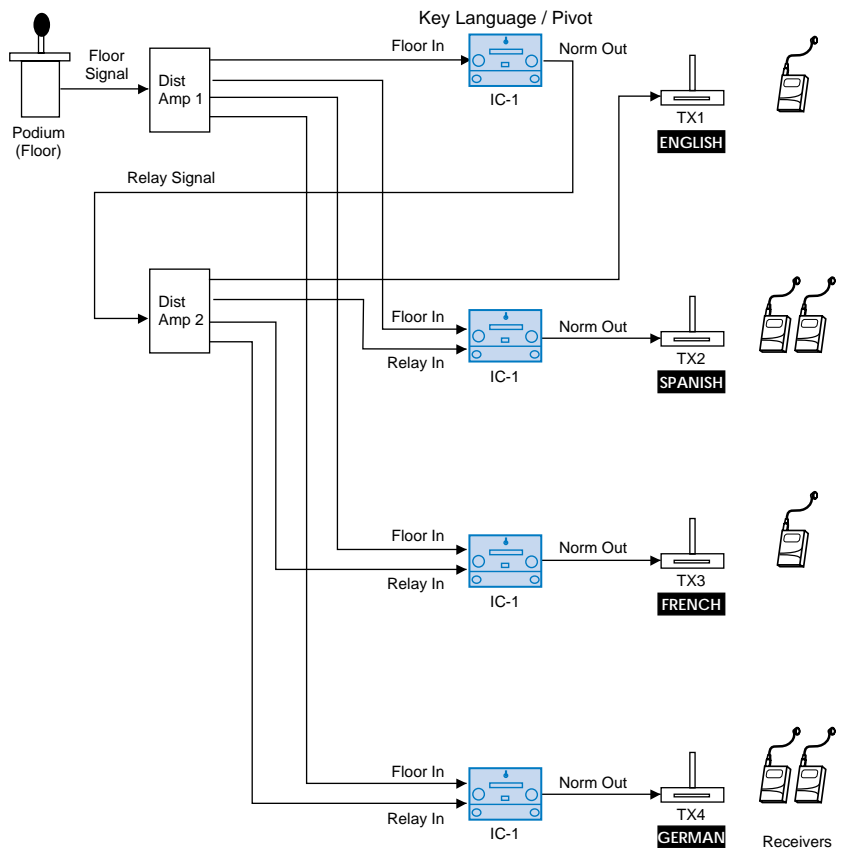
Each Interpreter operates independently. All monitor the floor signal via the FLOOR IN connection.

The "Pivot" person (usually the English interpreter) provides the relay signal via the NORM OUT connection to a second distribution amplifier. The distribution amplifier sends the relay signal to the English transmitter and to each of the other interpreters via the RELAY IN connection on each's IC-1.

When the other three interpreters select NORM, they are listening to the original floor signal and their voice is being sent to their transmitter. When they select RELAY, they are listening to the pivot interpreter and their voice is sent to their transmitter.

With J1 closed on all IC-1's, the floor signal will feed thru the NORM OUT connection to the Transmitter when the interpreter selects OFF. This allows listeners to hear the floor language directly when it is their native language.

Listeners use four-channel wireless receivers (PPA R7-4E) to select the language they understand.



Note: The IC-1 can be used with either Infrared (IR) or FM transmission systems.

IC-1 INTERPRETER'S CONTROL CENTER SYSTEM SPECIFICATIONS

Architect and Engineering Specifications

The unit shall be 7 inches wide, 5 $\frac{1}{2}$ inches deep, and 3 $\frac{1}{2}$ inches tall. The unit shall weigh 1.82 lbs.

The module shall be painted beige with black legends indicating controls, inputs, and outputs. The bottom and side panels shall be painted blue.

The power supply shall be external, 12 VAC, 50 or 60 Hz, 10 VA. An optional 240 VAC Power Supply shall also be available.

Inputs shall be configured as follows:

The "Floor In" and "Key In" inputs shall be 3-Pin, XLR female jacks, allowing balanced or unbalanced line-level inputs. Maximum input levels shall be 3.8 Vrms. Gain shall be 6 dB with 43 k Ω input impedance.

There shall be two microphone inputs, both $\frac{1}{4}$ " TRS phone jacks, balanced or unbalanced. These inputs shall be mic-level, allowing a maximum 70 mVrms and 46 dB gain. The two microphone inputs shall supply simplex DC power for electret mics with 1.75 k Ω input impedance.

There shall be two independent 3.5 mm TRS microphone inputs (unbalanced (T,S) for condenser mics), allowing a maximum 70 mVrms. Gain shall be 46 dB. The two 3.5 mm inputs shall supply DC power on tip, 1.75 k Ω input impedance.

Outputs

The Key Out and Norm Out outputs shall be 3-Pin XLR male jacks, balanced or unbalanced line-level. Maximum output shall be 7.7 Vrms. Source impedance shall be 56 Ω . There shall be two independent 3.5 mm TRS headphone output jacks (left right). The headphone outputs shall allow the use of either mono or stereo headphones, 8-32 Ω . Maximum power shall be 63 mW at 8 Ω .

Controls

The unit shall have two, independent rotary-type volume controls, controlling headphone volume. The Microphone switch shall be a 3-way toggle type, selecting left mic, right mic, or both. The mute switch shall be a push button-type, muting left and right mics when depressed. The function switch shall be a 4-way push button-type, selecting OFF, NORM, RELAY, or KEY modes.

Controls

Feedthru jumpers used to select floor signal feedthru options shall be located on bottom of cabinet.

The unit shall be Williams Sound Corp. Interpreter Control Center, Model IC-1.

Your Authorized Williams Sound Dealer Is: