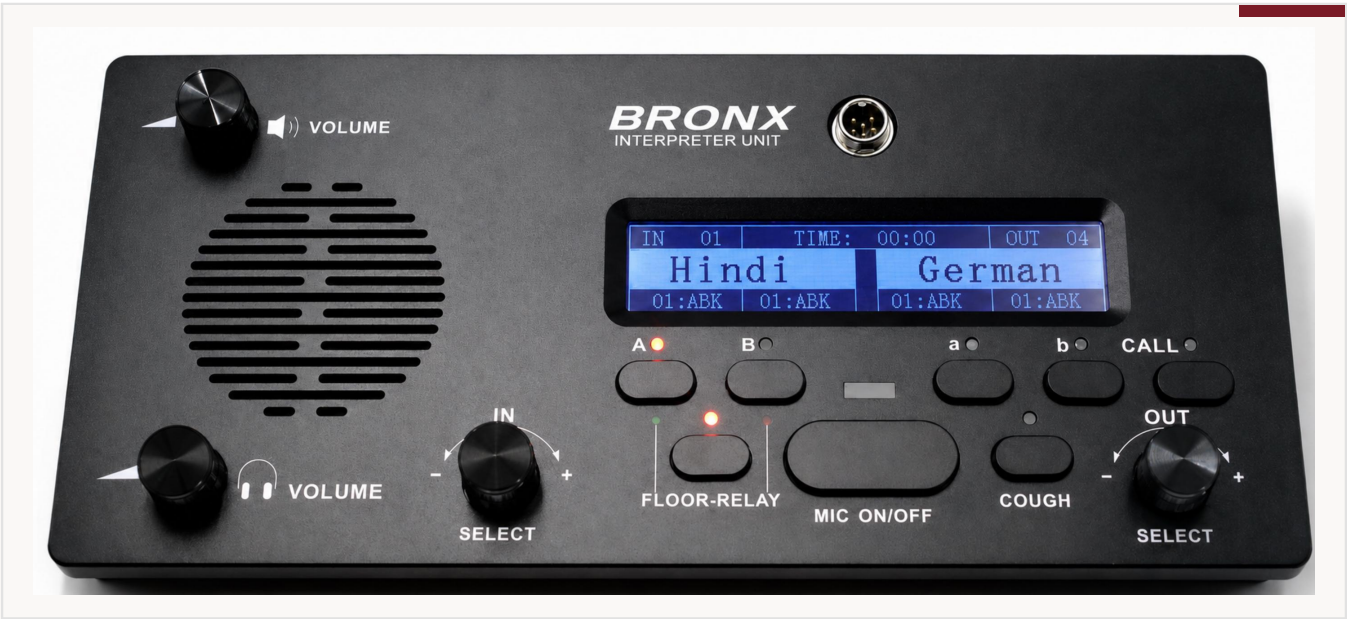


INT-D SERIES · INTERPRETER DESK

64-Channel Interpreter Desk

Full-digital networked DSP interpreter station — direct and relay translation across 63 + 1 language channels for booth use in conferences, parliaments and broadcast halls.



CHANNELS	SAMPLING	POWER DRAW	WEIGHT
64	48 kHz	3 W	1.5 kg

HEADLINE CAPABILITIES

- 64 simultaneous interpretation channels including floor channel
- 48 kHz sampling, 30 Hz – 20 kHz response on every channel
- Hot-pluggable microphone, hot-swap on the live network
- Two-interpreter dual-user operation per single booth
- High-speed onboard DSP, fully digital signal path
- Metal chassis shielded against mobile-phone RF interference
- Direct and relay translation paths with hearing-protection limiter
- Booth Interlock and Override modes for channel integrity

01.1

Features

DSP · NETWORK · BOOTH

- Independent volume control for built-in loudspeaker and headphone output
- Hearing-protection limiter applied to direct and relay paths
- On-unit configuration menu for languages and system settings — no PC required
- COUGH key momentarily mutes the microphone to suppress unwanted booth audio
- When every microphone in the booth is closed, the loudspeaker auto-plays the floor language or selected interpretation channel
- Channel interlock — only one microphone may be live on any given language channel at a time, guaranteeing channel uniqueness
- A / B pre-select keys for fast switching of the input (interpreter-listening) channel
- Both direct interpretation and relay interpretation paths supported
- Any interpreter unit can be assigned as the operator station, with internal voice link between operator and the rest of the booth
- Short-message display and tea-service request function
- Two interpreters per desk (dual-user operation)
- Compatible with both headset microphones and pluggable gooseneck microphones
- Two booth-level operating modes selectable: Interlock and Override
- Built-in timer indicates elapsed interpretation time

01.2

Controls & Indicators

FRONT-PANEL ELEMENTS

- Flexible-stem microphone capsule with illuminated status ring
- Rotary knob for built-in loudspeaker volume
- IN select knob with LCD readout — moves between the floor language and the channel set on the channel selector
- MIC ON / OFF key with LED status indicator
- FLOOR-RELAY key for instant switching between floor and relay languages
- Rotary knob for headphone volume
- A / B selector keys for quick toggling of the interpreter's listening (input) language
- OUT select knob with LCD readout — moves across output (delivery) channels
- COUGH key — press-to-mute of the live microphone
- CALL key for two-way voice communication between interpreter and operator

01.3

Interconnection

REAR & SIDE PORTS

- 2 × Ø 3.5 mm earphone jack, 2 × Ø 3.5 mm Microphone jack
- 1 × 2.5 mm adaptor port

- 2 × RJ45 port
- Connector for pluggable gooseneck microphone

01.4

Technical Specifications

ELECTRICAL · ACOUSTIC ·
MECHANICAL

ELECTRICAL

Power	DC 48 V from main unit or adaptor
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Power consumption	3 W
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MICROPHONE

Transducer	Electret-condenser
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Polar pattern	Uni-directional
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Sensitivity	−46 dBV / Pa
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Frequency response	20 Hz ~ 20 kHz
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Input impedance	2.2 kΩ
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EARPHONE

Frequency response	30 ~ 20 kHz
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Earphone load	> 8 Ω
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Earphone volume	10 mW
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ACOUSTIC

Directivity 0° / 180°	> 20 dB (1 kHz)
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Equivalent noise	20 dBA (SPL)
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Maximum sound pressure	125 dB (THD < 3 %)
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INTERFACE

Display	320 × 64 dot (blue / white)
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Connector	2 × Ø 3.5 mm earphone jack; 2 × Ø 3.5 mm microphone jack; 2 × RJ45; 1 × 2.5 mm adaptor port
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MECHANICAL

Dimensions (h × w × d)	280 × 128 × 55 mm
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Weight	1.5 kg
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REFERENCE · SYSTEM PAIRING

- **BR-DCU-SAFM-INTSEL** — flush-mount 64-channel selector for delegate seats
- **BR-DCU-SAFM-C / -D** — chairman & delegate discussion units on BRONX-LINK
- **Headset / gooseneck mics** — pluggable, hot-swap, 4 lengths available
- **Bronx central control unit** — required main unit for DC 48 V supply

BRONX

*Engineered for Indian conference halls,
courtrooms, parliaments and broadcast booths —
full-digital interpretation built around the BR-INT-
D64 desk and the SAFM family.*

ABOUT BRONX SYSTEMS

An Indian Original Equipment Manufacturer. ISO certified · MSME · Make in India · NSIC. Bronx Systems supplies professional audio-visual, conference, control-room and signage solutions to government, defence, broadcast and enterprise customers across India.

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DOCUMENT

BR-INT-D64 Datasheet ·
2026

REVISION

Rev. A · 4 pages