News Release

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TELEX®/RTS™ INTRODUCES NEW PROTECTION HEADSETS: PH-100™ AND PH-200™



New noise reduction headsets with dynamic microphones deliver enhanced comfort. *PH-200 shown above.*

Amsterdam (September 2004): At this year's International Broadcasting Convention (IBC), Telex®/RTS™ is presenting the Telex PH-100™ and PH-200™ headsets. They are premium, medium-weight, noise reduction headsets with dynamic microphones. They both have a noise attenuation of 21+ dB, and are suitable for use in moderately noisy environments. All models feature a unique headband design that distributes ear cushion pressure evenly over the entire ear with no pressure points, unlike conventional designs that apply more pressure on the bottom of the ear than on the top. Telex uses a high-quality moleskin fabric to cover the earpiece for

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enhanced comfort. Besides being comfortable, the PH-100 and PH-200 are highly portable, being able to fold into an extremely compact shape.



Above: PH-100

Design Features:

Comfortable, foam-filled, moleskin covered headband pad and ear cushions.

Headband pad evenly distributes the headset weight with no pressure points, for maximum wearer comfort.

The moleskin ear cushions combine lightweight comfort with an excellent acoustic seal. Cushions are field-replaceable.

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Boom Microphone:

Boom arm features a sealed ball-and-socket joint and flexible boom for precise microphone placement on any head size. The boom rotates overhead for microphone placement on either side of the head. The microphone cartridge features a dynamic element.

Shielded headset cordage protects against RFI and EMI. Strain reliefs on all cords provide maximum durability.

Operation:

Headband Pressure Adjustments

Three pressure settings. Increasing the pressure will improve the seal between the earcup and the head for greater noise reduction. To change the pressure setting, remove the headset and fold the earcup inward, then rotate the adjustment knob to the desired setting. Repeat for both earcups. Both sides of the headband should be set to the same pressure setting to keep the headset properly centered on the head.

Features:

Receivers

Type: Dynamic

Frequency Response: 50Hz – 15kHz

Sensitivity: 100, 5dB SPL (1 kHz, 1mW input)

Impedance (at 1kHz): 150 ohms (receivers wired in parallel)

Microphone

Element Type: Noise-canceling dynamic

Frequency Response: 100Hz - 3.5kHz with 12 Vdc supply voltage and 100-

ohm load)

Sensitivity: -53 +2/-1 dB (ref: 1 V/bar at 1kHz with 12Vdc supply voltage and

100-ohm load)

Matching Impedance: 50-600 ohms

Cordage

PH-100/200: Straight cord, 5ft. (1.5m)

Connectors: 4-pin XLR male or female, 5-pin XLR male.

Weight

Gross Weight: Approx 16 oz

Effective Head Weight: Approx 14.2 oz

Visit Telex/RTS at the IBC show in Amsterdam in booth 10.121

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For full details on all Telex products, please visit www.telex.com www.rtsintercoms.com

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