



*h e a d s e t s*



**Ultra – Lightweight, Lightweight,  
Standard Weight HeadSets and EarSets**

*listen to the difference™*

# Telex HeadSets

*Innovative design, product durability and performance reliability has kept Telex Communications a leader in headset manufacturing for more than fifty years. Outstanding comfort, critical audio specs and classic good looks put Telex headsets and headphones in virtually every communication field: broadcast and recording studios, classrooms, aircraft cockpits, sporting events, theater, computer and industrial communications. Our research and development team is second to none and you can be assured of quality and durability when purchasing Telex products.*

*Telex offers a wide variety of headset styles to choose from including lightweight and full cushion headsets in either single or dual sided versions. We also have hearing protection headsets that offer noise reduction of up to 24 dB and an earset selection that can accommodate all applications. Most of our headsets feature our new flexible boom arms, comfortable cushions and can be terminated in either 4 or 5 pin male/female connectors or purchased without termination for you to customize.*

## HandSet Hand Mic

**The HS-6A** is a telephone-style handset that offers a push-to-talk switch, dynamic earphone and dynamic mic. It is supplied with a metal hanger bracket for vertical storage and is compatible with most user stations. The HS-6A is terminated with A4F plug. Available in white or black.



**The NC-450D** dynamic microphone is designed for voice paging applications requiring a rugged, hand-held microphone. The noise-canceling design makes it particularly effective for use in noisy locations, and the excellent voice response characteristics make it a good choice in quiet areas as well.



# Ultra-Light & Light Weight Headsets

**The PH-44** headset is a dual muff lightweight headset for the ultimate in day-long comfort. It offers a dynamic noise-canceling gooseneck microphone with a semi-rigid, fully adjustable boom for precise positioning. The high-quality wide band dynamic earphones are covered in moleskin for better fit, isolation and frequency response. Available with 4 or 5 pin male or female XLR connectors.

**The PH-88** is a single muff super lightweight headset for the ultimate in day-long comfort. It offers a dynamic noise-canceling gooseneck microphone with a semi-rigid, fully adjustable boom for precise positioning. The high-quality wide band dynamic earphones are covered in moleskin for better fit, isolation and frequency response. Available with 4 or 5 pin male or female XLR connectors.

**The PH-8000** is the answer for professionals requiring comfort, durability and performance. The ultra-light, fully adjustable, rubber-coated steel band is worn behind the head permitting use under headgear, helmet or hat. The PH-8000 is completely WATERPROOF, with a noise-canceling electret microphone and an ear monitor that pivots in and out for added convenience. Available with 4 or 5 pin male or female XLR connectors.

**The PH-120** earset is a simple and comfortable, as well as discreet, headset option, using an earplug with an inline clip-on electret microphone. The microphone, which is omni-directional, has a built-in cough switch, which puts no limitations on the user. Weighing less than 2 ounces, this earset gives the freedom of maneuverability and comfort. Available with 4 pin male or female XLR connectors.

**The PH-150** earclip is a simple and comfortable alternative to the headband headsets and is ideal for "hands-free" use. The adjustable mouthpiece allows the user to adjust the electret microphone for personal preferences. Includes male/female convertor.



- 1 Stainless spring steel/plastic assembly for easy head size adjustment
- 2 Vinyl covered steel headband
- 3 Comfortable moleskin cushion
- 4 Boom swivels for right or left ear
- 5 Dynamic noise-canceling microphone



PH-44



PH-88



PH-8000



PH-120



PH-150

*The HR Series of medium-weight intercom headsets is the newest addition to the Telex headset family and features a unique design that is both comfortable and functional. The earcup and ergonomically designed headband offer 21 dB of passive noise reduction and moleskin covered headband and ear muffs for added comfort. The cord comes terminated in either 4 or 5 pin XLR, male or female and can also be purchased unterminated for custom applications.*

*The PH Series of medium-weight intercom headsets is considered the industry standard by many users in all different applications. With a weight of a mere 12 oz., this headset offers the ultimate in day-long comfort.*

# Standard Weight Headsets



- 1 HR series features three pressure settings — PH series features spring steel/plastic assembly
- 2 Fully cushioned, moleskin covered stainless steel headband
- 3 Foam cushion combined with headband settings provide 21dB noise reduction
- 4 Boom swivels for right or left ear
- 5 Dynamic noise canceling microphone

**The HR-1** is a single muff, medium-weight passive noise reduction headset with dynamic noise-canceling microphones. The headset has a noise reduction rating of 21 dB; suitable for use in a moderately noisy environment. The ergonomic moleskin-covered headband design distributes the ear cushion pressure evenly over the entire ear with no pressure points, ensuring hours of comfortable wear. An added advantage of this headset design is that it folds into compact form for ease of storage. Available with 4 or 5 pin XLR connectors (Male or Female).



HR-1



HR-2

**The HR-2** is a dual muff, medium-weight passive noise reduction headset with dynamic noise-canceling microphones. The headset has a noise reduction rating of 21 dB; suitable for use in a moderately noisy environment. The ergonomic moleskin-covered headband design distributes the ear cushion pressure evenly over the entire ear with no pressure points, ensuring hours of comfortable wear. An added advantage of this headset design is that it folds into compact form for ease of storage. Available with 4 or 5 pin XLR connectors (Male or Female).



PH-2

**The PH-1** is a medium-weight single muff headset with foam-filled cushions that offer a light feel with moderate isolation from ambient noise. The dynamic noise-canceling mic is easily positioned with a unique ball joint for continuous adjustability. Available with 4 or 5 pin XLR connectors (Male or Female).



PH-1



PH-3

**The PH-2** is dual muff mono, medium-weight headset with foam-filled cushions that offer a light feel with moderate isolation from ambient noise. The dynamic noise-canceling mic is easily positioned with a unique ball joint for continuous adjustability. Available with 4 or 5 pin XLR connectors (Male or Female).

**The PH-3** is a dual muff stereo, medium-weight headset with foam-filled cushions that offer a light feel with moderate isolation from ambient noise. The dynamic noise-canceling mic is easily positioned with a unique ball joint for continuous adjustability. Available with 5 pin XLR connectors (Male or Female).

**The PH-100** and **PH-200** are premium medium-weight noise reduction headsets with dynamic microphones. Similar to the HR-1 and HR-2 headsets, the PH-100 and PH-200 feature a unique, comfortable headband design that distributes pressure evenly. This headset comes with high quality moleskin cushions and offers a 21 dB noise reduction rating. The PH-100 and PH-200 are portable and able to fold into an extremely compact shape. Available in 4 or 5 pin XLR connectors (male or female) and pigtail.



PH-100



PH-200

# Hearing Protection

*In high noise environments, you'll find it easier to hear with these headsets, but more often it's the protection for your hearing that's really important. After decades of experience as the premier aircraft headset company in the world, Telex has produced several models of professional headsets with passive noise reduction ratings of 21-24 dB using technology that was developed for crucial communications in environments with high noise levels. From steel mills to speedways, you can depend on Telex to give you clear communication in noisy environments.*



- 1 Spring steel/plastic adjustment or adjustable overhead strap
- 2 Fully cushioned stainless steel headband (exception: PH-16)
- 3 Foam-lined for added noise attenuation
- 4 Sealed ball-and-socket joint and flexible boom arm
- 5 Dynamic mic element



**PH-10**

**The PH-10** is the ultimate in passive noise reduction. This heavy-duty headset offers snug fitting dual-sided, monaural headphones with a dynamic, noise-canceling microphone for use in high noise environments. The PH-10 offers an Environmental Protection Agency (EPA) rated noise reduction rating (NRR) of 24 dB. Perfect for industrial and concert applications. Available with 4 or 5 pin male or female XLR connectors.

**The PH-3500** is a 13.6 oz. passive noise reduction headset, which maximizes hearing protection while minimizing weight. Its noise reduction rating of 24dB is designed for use in noisy environments. The PH-3500 features a three position tension adjustment and a stainless steel strengthened headband for maximum comfort. Comfortable foam-filled ear cushions with dual control ear cups allow user to adjust the volume level for each ear. The boom arm features a sealed ball-and-socket joint and flexible boom for precise microphone placement on any head size. The PH-3500 is dual muff, lightweight and so comfortable you will not believe it can still attenuate noise and protect your hearing.



**PH-3500**

**The PH-16** is a dual-sided monaural headset with noise-canceling dynamic microphone. It fits under a helmet and has an EPA rated NRR of 24 dB.

The dynamic receivers have special mounting which resist shock, vibration and acoustic feedback. The PH-16 ear cups are foam lined for added noise attenuation. The vented, foam-filled ear cushions combine comfort with good acoustic seal. For convenience and economy, the receivers and ear cushions are field repairable.

Each headset features an adjustable flexible boom for optimum microphone placement. Available with 4 or 5 pin male or female XLR connectors.



**PH-16**

**The HD-3A** is a dual-sided monaural hearing protector type headset with noise-canceling dynamic microphone. EPA rated NRR of 21 dB. The polyurethane earcups house 150 ohm dynamic elements and feature an easily adjustable headband. The 6 foot cord is coiled for tangle-free use.

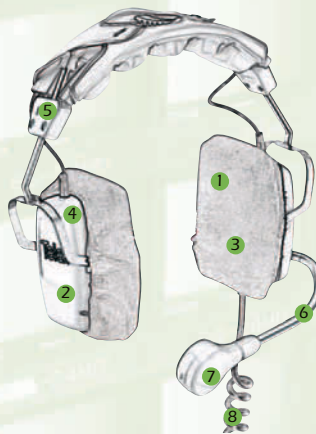


**HD-3A**

# HeadSets

*This headset series is specifically designed to provide high-quality communication through carbon camera intercoms in television studios or remote production locations. They have sensitive carbon microphones with a smooth voice frequency range and are compatible with Western Electric type intercom circuits.*

*The earphones have highly sensitive magnetic receivers that can be easily removed and replaced in the field for convenience and economy. A high quality coil cord with durable strain relief at the ear cup provides tangle-free use. The PH-81 and PH-85 headsets are comfortable and secure with a quality of sound that is second to none.*



- 1 Vents allow air to circulate providing day-long comfort
- 2 Polyurethane covers that resist cracking
- 3 Washable nylon socks are provided for ear cups
- 4 Highly sensitive magnetic earphone elements
- 5 Easy head size adjustment
- 6 Mic can be worn on either side of the head
- 7 Omni directional carbon microphone
- 8 No-tangle unterminated coil cord

# Camera Intercom

*The PH-81 is a single-sided monaural earphone, omni directional carbon microphone.*

*The PH-85 is a dual-sided monaural earphones, omni directional carbon microphone.*





# Monitor Headphones

Telex offers one of the widest selections of monitor headphones in the industry. Each model features durable construction, high-quality dynamic earphones and long life cords. Choose from full cushion or lightweight models in mono or stereo.

## The HR-1L and HR-2L

The Telex HR-1 & HR-2 are medium-weight, noise reduction headsets with dynamic microphones. They both have a noise reduction rating of 21dB, and are suitable for use in moderately noisy environments. All models feature a unique, soft moleskin-covered headband design that distributes ear cushion pressure evenly over the entire ear with no pressure points, unlike conventional designs which apply more pressure on the bottom of the ear than the top. An added advantage of this design is that the headset folds into an extremely compact shape.

The PH-36 is dual muff, mono headset with 1/4" connector.

The HFY-91 is an under-chin headphone. Terminated with 1/4" phone plug.



HR-2L



HR-1L



- ① HR series — three pressure settings  
PH36 — spring steel/plastic assembly
- ② HR series — fully cushioned steel headband  
PH36 — vinyl coated steel
- ③ HR series — foam cushions  
PH-36 — comfortable moleskin



HFY-91



PH-36

Headset Accessories	
<b>CC-1</b>	Cushion cover sock (1) for full cushion headsets
<b>C-2</b>	Ear cushion for full cushion (1), black
<b>C-4</b>	Ear cushions for lightweight (2)
<b>C-5</b>	Cushion kit for PH-10 (2) and PH-16
<b>C-7</b>	Replacement foam ear cushions for HR-series headphones and headsets (2/per)
<b>HP-2</b>	Headband pad for HD series
<b>HP-4</b>	Headband pad for PH series, black
<b>WS-5</b>	Windscreen for full cushion headset
<b>WS-11</b>	Windscreen for lightweight headset
<b>PT-400</b>	DPDT In line press-to-talk switch kit with locking feature

The popular Telex earsets are precisely designed for inconspicuous listening while on camera. Used by nearly all major television networks and stations, we have surpassed industry standards. The extremely efficient miniature driver element requires only nominal operating power and enables the announcer to hear program cues while working with a live microphone. The units are also suitable for many other applications such as live theater script prompting.

### Typical **Set-up**

To provide optimum versatility, the announcer's earset is made up of interchangeable components that simply snap together. Users can construct a version of the announcer's earset that best suits their particular needs.

*Choose one each of the following components:*



# Complete Earsets



**EMV-2 includes:**  
RTV-04, CMT-2, AEF-3



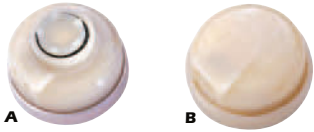
**CES-1 includes:**  
RTV-04, CMT-2, ET-4



**CES-2 includes:**  
RTV-04, CMT-98, ET-4

## 1 Telethin® Magnetic Receivers

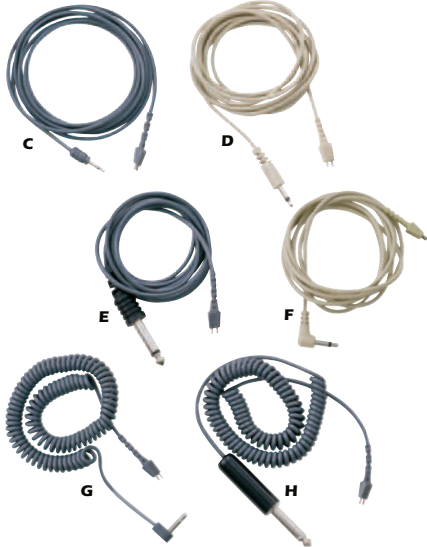
Telethin Magnetic Receivers, available in 5 different impedances, permits choice of impedance for any application. For inconspicuous use, the receiver is extremely small and lightweight.



- A** RTR-04 15 Ohms  
 RTV-04 125 Ohms  
 RTW-04 500 Ohms  
 RTW-04V 500 Ohms  
 (Telethin driver with Volume Control)
- B** RTX-04 1000 Ohms  
 RTY-04 2000 Ohms

## 2 Standard Telethin® Cord Sets

The standard earset system comes equipped with a 5', low luster gray cord with a 1/4" connector. A variety of other cords with or without volume controls are available as components.



- C** CMT-95 Straight cord with sub-miniature straight connector
- D** CMT-98 Straight cord with straight miniature connector
- E** CMT-2 Standard earset system cord. 5'(1.5) with 1/4" straight connector
- F** CMT-92 Straight cord with right angle miniature connector
- G** CCX-2 Coiled cord with right angle miniature connector
- H** CCT-2 Coiled extended cord with 1/4" connector

## 2 Cords with Volume Control

The cords with in-line volume control are equipped with clothing clips for out of sight, waist-level positioning. To avoid loss of cues, the volume control will not shut off completely.



- I** VXT-3 500 Ohm volume control with 1/4" connector
- J** VYT-3 2000 Ohm volume control with 1/4" connector

## 3 Earmolds/Earcones/Eartips

For maximum comfort and convenience, three pliable earmolds (small, medium and large) are available for either the left or right ear. The Telethin receiver easily attaches into the earpiece directing sound into the ear canal and limiting ambient noise.



### Earmolds

- K** EML-1R Large, right ear  
 EML-2L Large, left ear
- L** EMM-1R Medium, right ear  
 EMM-2L Medium, left ear
- M** EMS-1R Small, right ear  
 EMS-2L Small, left ear



### Earcones

- N** BT-4 Bag of 5 large earcones for use with ET-4
- O** BT-3 Bag of 5 medium earcones for use with ET-4
- P** BT-2 Bag of 5 small earcones for use with ET-4



### Eartips

- Q** ET-1 Eartip, soft silicone tip, salmon colored, with metal plug
- R** BT-1 Bag of 25 replacement eartips, salmon colored, for use with the ET-1

## 4 Eartubes

These inconspicuous clear plastic tubes carry the sound effectively from a Telex Telethin receiver to the talent's ear without revealing the cord to the camera. The clear tubes are available in 3 versions. All connect easily to a Telex eartip, earcone or any size earmold and have a handy clothing clip to secure the system in place.



- S** ET-2 Coiled acoustic eartube with clothing clip for use with earmolds or eartip
- T** ET-4 Coiled acoustic eartube with clothing clip for use with earcones — comes with one each — S, M & L earcones
- U** ET-3 Straight acoustic eartube with clothing clip for use with earmolds or eartip

## 4 Earloops

The nylon or plastic covered metal earloop holds the eartip or receiver in place on the ear.



- V** AEF-3 Nylon earloop
- W** AEF-2 Plastic covered metal earloop

## Earset Components (not shown)

- EHS** Earphone shell holder for all Telethin drivers, small
- EHL** Earphone shell holder for all Telethin drivers, large
- AFC-1** Under-chin tube and foam cushion

