



**PH-81**



**PH-85**

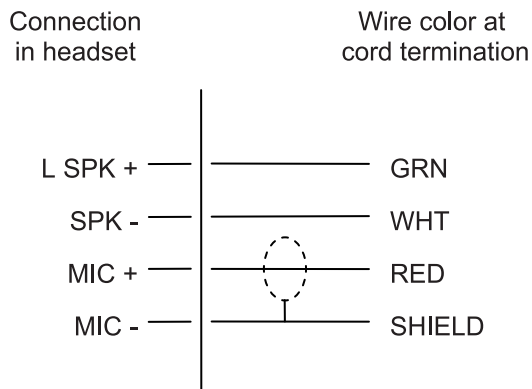
## Headsets with 20 $\Omega$ Omnidirectional Carbon Mics & A4F Connectors

These headsets are 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.

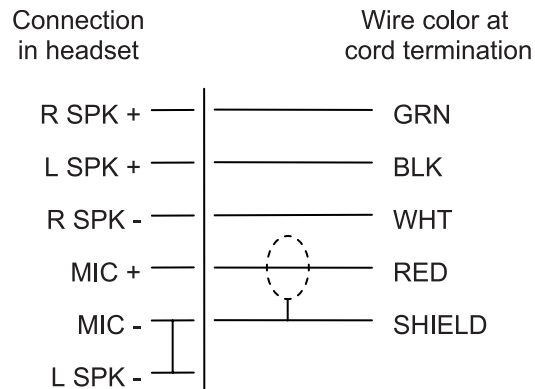
### Features

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

### Wiring Diagram



**PH-81**



**PH-85**

# PH-81 & PH-85 Specifications

## Connector Termination

Stripped wire coiled cord

## Type

PH-81: Single Sided

PH-85: Dual Sided

## Mic Type

Carbon Omni-Directional

## Mic Sensitivity

-28dBV/Pa @1cm, 8V through 470Ω bias, 150Ω AC load

## Mic Frequency Range

100Hz - 6kHz

## Mic Impedance

20Ω

## Speaker Sensitivity

100dB SPL @2kHz, 1mW

## Speaker Frequency Range

600Hz - 10kHz

## Speaker Impedance

PH-81: 275Ω

PH-85: 275Ω boom side, 625Ω non-boom side

## Weight

PH-81: 12oz. (not including cord)

PH-85: 14oz. (not including cord)

## Cord Length

2 ft. retracted, 12 ft. extended

### Contact Information

Telex Communications, Inc.  
12000 Portland Avenue South  
Burnsville, Minnesota 55337  
Telephone: 877-863-4169  
Fax: (800) 323-0498

Form Number: – LIT000205000 Rev A

Date: December, 2007

### Ordering Information

#### PH-81

Single-Sided Headset with 20Ω Omnidirectional  
Carbon Mic

Catalog Number: 64438-004

#### PH-85

Dual-Sided Headset with 20Ω Omnidirectional Carbon  
Mic

Catalog Number: 64437-005

This specifications information is preliminary and is subject to change without notification.

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