

TELEX

Technical Data Sheet **Model PH-16 Headset** **Description and Wiring Diagrams**



General Description

PH-16 is a monaural headset with a noise canceling dynamic microphone. The PH-16 is designed to fit under a helmet with an environmental protection agency noise reduction rating (NRR) of 24dB. The headset cord is terminated with a 4-pin XLR female connector.

Design Features

The dynamic receivers have special mountings which resist shock, vibration and acoustic feedback. The ear cups are foam lined for added noise attenuation. The vented, foam-filled ear cushions combine comfort with a good acoustic seal. The receivers and ear cushions are field-repairable.

The headband has two (2) adjustments; the behind the head portion adjusts the pressure of the ear cups against the head, and is adjustable simply by applying pressure to the headband springs while wearing the unit; the over-the-head portion provides adjustment for different head sizes, and consists of mating hook and pile strips.

The headset features a boom arm with a sealed ball-and-socket joint and flexible boom for precise microphone placement. The microphone cordage is completely concealed and protected within the boom arm.

Specifications

Receivers

Type: Dynamic
Input Impedance: 300Ω at 1kHz
Frequency Response: 350Hz to 3.0kHz
Sensitivity: 103dB (1mW @ 1kHz input at max. volume setting)

Microphone

Element Type: Noise-cancelling dynamic
Output Impedance: 150Ω
Frequency Response: 100Hz – 8kHz
Sensitivity: -83dB (ref: 0dB=1 v/bar
Matching Impedance: 50–600 Ω
Cordage: Straight cord approximately 5.5' (-101), Coiled cord (optional)

Connectors: 4-pin

4-pin XLR female

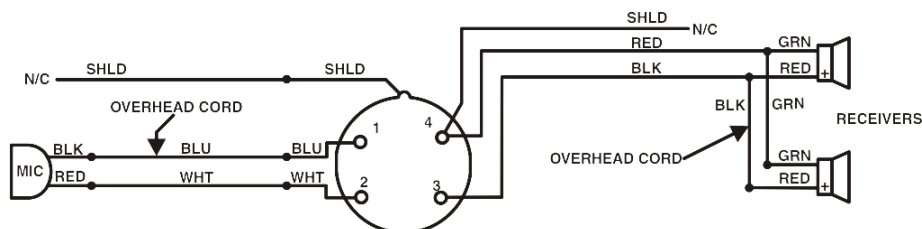
Weight:

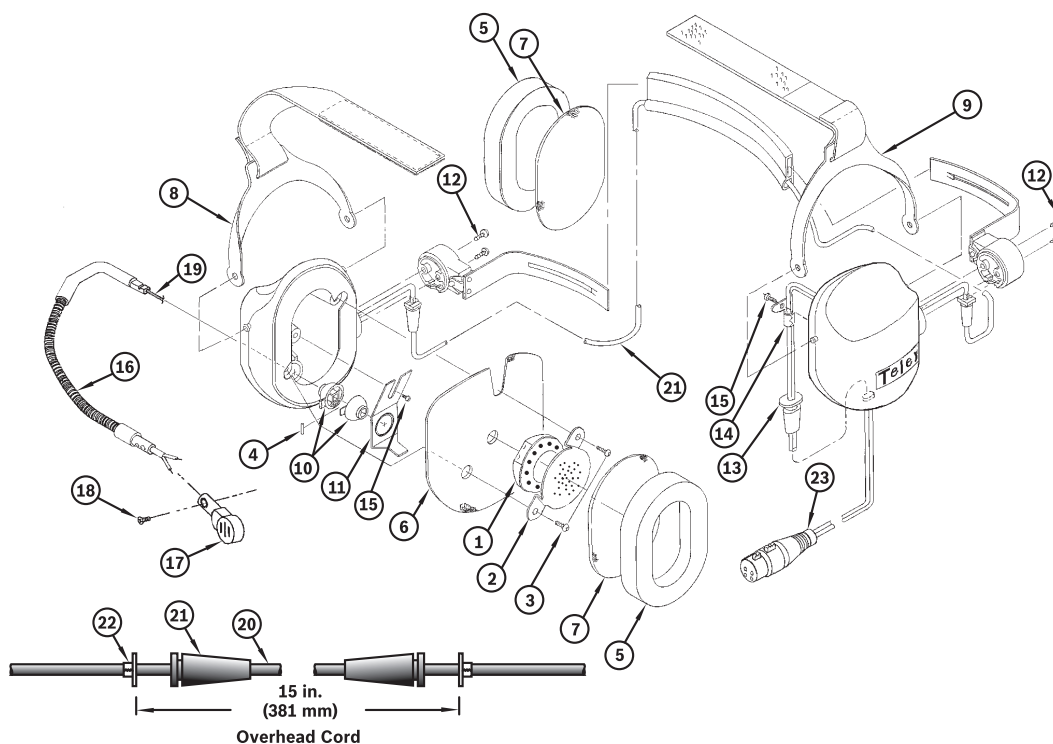
Gross weight approx. 20oz. (567 grams)

Color

Non-reflective satin black

***Specifications subject to change without notice





Item	Part #	Description	Qty
1	590175-001	Driver	2
2	700262-000	Bracket	2
3	51856-007	Plastite Screw, 6-19 x 3/8	4
4	70381-000	Boom Stop	1
5	70451-001	Cushion Assy.	2
6	70762-000	Acoustic Foam	2
7	70802-000	Driver Cover	2
8	58632-000	Headband Strap Assy.	1
9	58632-001	Headband Strap Assy.	1
10	63451-003	Ball Half	2
11	70811-000	Ball Joint Spring	1
12	51856-610	Plastite Screw, 6-19 x 5/8	4
13	63456-010	Strain Relief	1

Item	Part #	Description	Qty
14	54462-000	Terminal	1
15	51856-007	Screw, Plastite 6-19 x 1/4	2
16	71115-002	Flex Boom	1
17	800062-002	Dynamic Microphone Assy.	1
18	51845-018	Screw, Pan Head, Phillips, 2-56 x 1/8	2
19	60051-227	Cord Unit	1
20	70754-001	Overhead Cord, 2'	1
21	70812-000	Strain Relief	2
22	52888-003	Retainer	2
23	70802-008	Straight Cord 4-pin XLR, Female	1

Ordering Information

PH-16 Under Helmet Headset Catalog No. 70770-103

PH-16R Under Helmet Headset..... Catalog No. 70770-104

PH-16R5 Under Helmet Headset..... Catalog No. 70770-105

PH-16A5 Under Helmet Headset Catalog No. 70770-106

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