

Description and Wiring Diagrams

Model PH-16 Headset



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 good acoustic seal. The receivers and ear cushions are field-repairable.

The headband has two 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 straps.

The headsets feature a rotatable gooseneck arm for optimum microphone placement. The microphone cordage is completely concealed and protected within the boom arm.

Specifications

Receivers:

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

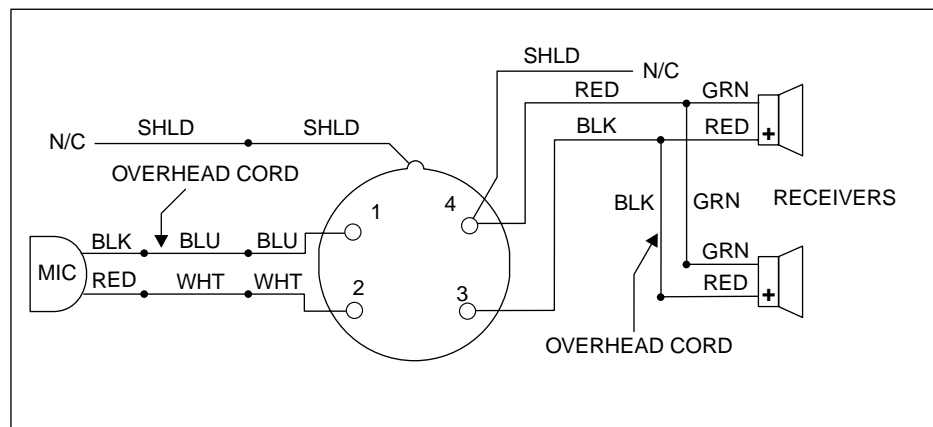
Microphone:

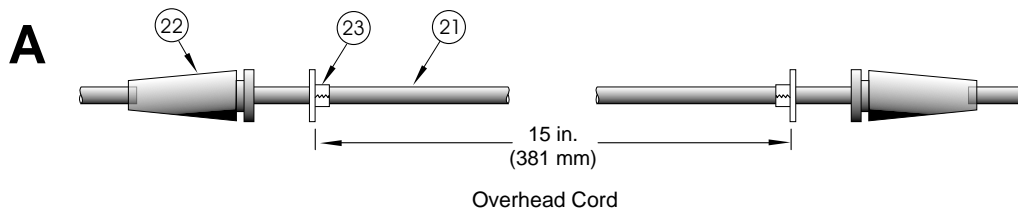
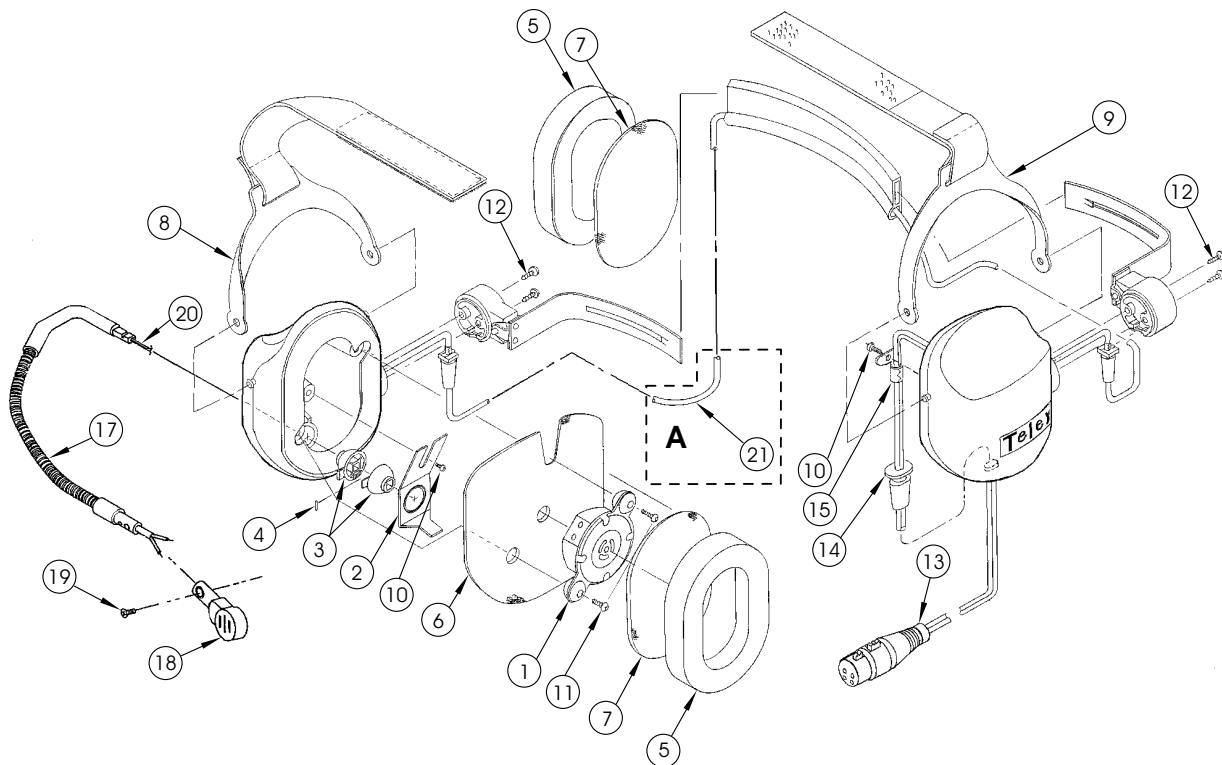
Element Type: Noise-cancelling dynamic
Output Impedance: 150 ohms
Frequency Response: 100 Hz - 8 kHz
Sensitivity: -83 dB (ref.: 0 dB = 1 v/bar
Matching Impedance: 50-600 ohms
Cordage: Coiled cord

Connectors: 4 pin XLR female

Weight: Gross Weight: Approx. 20 oz. (567 grams)

Color: Non-reflective satin black





Item	Part #	Description	Qty
1	70809-000	Driver Assembly	2
2	70811-000	Ball Joint Spring	1
3	63451-003	Ball Half	2
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	51856-007	Plastite Screw, 6-19 x 1/4	2
11	51856-008	Plastite Screw, 6-19 x 3/8	4
12	51856-610	Plastite Screw, 6-19 x 5/8	4

Item	Part #	Description	Qty
13	70805-003	Lower Cord Assy. W/Connector	1
14	63456-010	Strain Relief	1
15	54462-000	Terminal	1
16	53105-000	Pin Receptacle	4
17	71115-002	Flex Boom	1
18	800062-002	Dynamic Microphone Assy.	1
19	51847-103	Screw, Flat Head, Phillips, 2-56 x 1/8	2
20	60051-277	Cord Unit	1
21	550002-000	Overhead Cord, 2'	1
22	70812-000	Strain Relief	2
23	52888-003	Retainer	2

ORDERING INFORMATION

PH-16 Under-Helmet Headset Catalog no. 70770-100

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