

YH AUDIO COMMUNICATION DEVICES

LOUD SPEAKER

HEAD SET

HAND SET

WATERPROOF TERMINAL BOX





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LOUD SPEAKER

LOUD SPEAKER (LS-548K)



Specifications	
DYNAMIC SPEAKER	Output : 4watts
	Voice coil impedance : 4Ω ±10%
	Frequency response :95dB at 20μPa(0,0002dyne/cm ²), 600~1100Hz(MIN.)
	Distortion : 5% at 400~4000Hz(MAX.)
CONNECTOR (YH U-229/U)	Insulation resistance : greater than 5000MΩ(DC 500V±50V)
	Dielectric withstanding voltage : No evidence of electric breakdown or flashover at 1000V(RMS) for 1 min.
	Contact resistance : 40mΩ (MAX.)
	Durability : over 1500times(30times/min.)

LOUD SPEAKER (LS-549/VRC)



Specifications	
DYNAMIC SPEAKER	Output : 4watts
	Voice coil impedance : 4Ω ±10%
	Frequency response : 95dB at 600~1100Hz(MIN.)
	Distortion : 5% at 400~4000Hz(MAX.)
CONNECTOR (YH U-183/U)	Insulation resistance : greater than 5000MΩ(DC 500V±50V)
	Dielectric withstanding voltage : No evidence of electric breakdown or flashover at 1000V(RMS) for 1 min.
	Contact resistance : 40mΩ (MAX.)
	Durability : over 1500times(30times/min.)

LOUD SPEAKER

LOUD SPEAKER (LS-454/U)



Specifications	
DYNAMIC SPEAKER	Output : 2watts
	Voice coil impedance : 8±1Ω
	Frequency response : 95dB at 750~1250Hz(MIN.)
	Distortion : 5% at 400~4000Hz(MAX.)
TRANSFORMER	Input impedance : 600±6Ω
	Output impedance : 8±1Ω
	Frequency range : 250~5000Hz
	Maximum voltage : 55V
CONNECTOR (YH U-229/U)	Output : 2watts±1dB
	Insulation resistance : greater than 5000MΩ(DC 500V±50V)
	Dielectric withstanding voltage : No evidence of electric breakdown or flashover at 1000V(RMS) for 1 min.
	Contact resistance : 40mΩ (MAX.)
	Durability : over 1500times(30times/min.)

HEADSET (H-921K, H-921KW, H-921KA)



Specifications	
MICROPHONE	Frequency response : over -56dBm(0,63mV/150Ω) at 1000Hz, 2,8Pa(28dyne/cm ²)
	Impedance : 150Ω ±20% at 1000Hz
	Distortion : 5% at 500~3500Hz(MAX.)
EARPHONE	Frequency response : over 102dB at 1KHz, 1mW(20μPa)
	Impedance : 1000Ω ±20% at 1000Hz
	Distortion : 5% at 500~3500Hz(MAX.)
PTT SWITCH	Operating pressure : 0,9kgf~1,8kgf
	Durability : 2 Million(MIN.)
CONNECTOR(YH U-229/U)	Insulation resistance : over 5000MΩ(DC500V±50V)
	Dielectric withstanding voltage : AC1000V in 5sec.
	Contact resistance : 40mΩ (MAX.)
	Durability : over 1500times(30times/min.)

HANDSET

HANDSET (H-920K)



Specifications

MICROPHONE	Frequency response : over $-56\text{dBm}(0.63\text{mV}/150\Omega)$ at 1000Hz, 2,8Pa(28dyne/cm ²)
	Impedance : $150\Omega \pm 22.5\Omega$ at 1000Hz
	Distortion : 5% at 300~3500Hz(MAX.)
EARPHONE	Frequency response : 104~110dB at 1mW(20 μ Pa) 20~3500Hz, 110dB at 3500~9000Hz(MAX.)
	Impedance : $1000\Omega \pm 100\Omega$ at 1000Hz
	Distortion : 5% at 100~3500Hz(MAX.)
PTT SWITCH	Operating pressure : 0.9kgf~1.8kgf
	Durability : 2 Million(MIN.)
CONNECTOR (YH U-229/U)	Insulation resistance : over 5000M Ω (DC500V $\pm$ 50V)
	Dielectric withstanding voltage : AC1000V in 5sec.
	Contact resistance : 40m Ω (MAX.)
	Durability : over 1500times(30times/min.)

HANDSET (H-930K)



Specifications

MICROPHONE	Frequency response : over $-56\text{dBm}(0.63\text{mV}/150\Omega)$ at 1000Hz, 2,8Pa(28dyne/cm ²)
	Impedance : $150\Omega \pm 22.5\Omega$ at 1000Hz
	Distortion : 5% at 300~4000Hz(MAX.)
EARPHONE	Frequency response : 104dB at 20~3500Hz(MIN.), 110dB at 3500~9000Hz(MAX.)
	Impedance : $1000\Omega \pm 100\Omega$ at 1000Hz
	Distortion : 5% at 100~3500Hz(MAX.)
PTT SWITCH	Operating pressure : 0.9kgf~1.8kgf
	Durability : 2 Million(MIN.)
CONNECTOR (YH U-329/U)	Insulation resistance : over 5000M Ω (DC500V $\pm$ 50V)
	Dielectric withstanding voltage : AC1000V in 5sec.
	Contact resistance : 40m Ω (MAX.)
	Durability : over 1500times(30times/min.)

HANDSET

HANDSET (H-940K)



Specifications

OUTLINE	DTMF System adapted in H-930K, Remote control of main equipment, the two-way features of voice
FIGURE	HANDSET BODY, MICROPHONE, EARPHONE, PTT SWITCH, DTMF, DIAL-PAD(3X15 DIGIT)
SIZE & WEIGHT	145,8X48mm, 350g
ELECTRICAL CHARACTERISTIC	Audio signal : PTT Type
	Control signal : DTMF(FULL DUPLEX)
	Input power : +5V DC
ENVIRONMENTAL FACTORS	Insulation resistance : 10M Ω (MIN.) among contacts
	Storage temperature : $-55^{\circ}\text{C} \sim +70^{\circ}\text{C}$ (MIL-STD-810C)
	Operating temperature : $-40^{\circ}\text{C} \sim +65^{\circ}\text{C}$ (MIL-STD-810C)
	Immersion : 914.4 $\pm$ 127mm(MIL-STD-810C)
	Humidity : 288hrs, in 94% of humidity(MIL-STD-810C)
	Shaking, Falling impact, Atomize salt water, Overload
	Connector : YH55116/2(YH U-329/U TYPE)

HANDSET (H-950K)



Specifications

OUTLINE	Modified H-940K, Applied to the communication inside submarine.
FIGURE	HANDSET BODY, MICROPHONE, EARPHONE, PTT SWITCH, DTMF, DIAL-PAD(3X15 DIGIT)
ELECTRICAL CHARACTERISTIC	Audio signal : PTT Type
	Control signal : DTMF(FULL DUPLEX)
	Input power : +5V DC
ENVIRONMENTAL FACTORS	Insulation resistance : 10M Ω (MIN.) among contacts
	Storage temperatureE : $-55^{\circ}\text{C} \sim +70^{\circ}\text{C}$ (MIL-STD-810C)
	Operating temperature : $-40^{\circ}\text{C} \sim +65^{\circ}\text{C}$ (MIL-STD-810C)
	Immersion : 914.4 $\pm$ 127mm(MIL-STD-810C)
	Humidity : 288hrs, in 94% of humidit(MIL-STD-810C)
	Shaking, Falling impact, Atomize salt water, Overload
	Connector : YH27467T11B98SN

HANDSET

HANDSET (H-385K)



Specifications

SPEAKER	Impedance : 40Ω ±15% at 1000Hz(20℃)
	Maximum allowable input : 0.5W
	Minimum resonance frequency : 500Hz±20%(1V)
	Output sound pressure : 88±3dB
MICROPHONE	Impedance : 3500Ω (1kHz)±20%
	DC resistance : 630Ω ±15%



WATERPROOF TERMINAL BOX

WATERPROOF TERMINAL BOX



Specifications

PURPOSE	Waterproof Terminal Box for WD-1/TT(12lines) underground or on the ground in the battle field or semi-permanent facilities,
	Size : 370×179×87
	Structure: 19 items, 30 pieces