

SP TELEPHONE SYSTEMS



The energy required to communicate comes only from the sound of the user. Acoustic energy is converted into electricity and then from electrical to acoustic.

All of our voice-operated phones are made of polymer alloy which provides excellent chemical resistance, high impact resistance, non-flammability and stability to ultraviolet light.

Such telephones are used in situations where security is critical in communication, such as in combat systems on military ships.

Our sound-powered telephone systems are MIL-STD compliant.

SP TELEPHONE SYSTEMS



TECHNICAL SPECIFICATIONS

SP2022 (SW) S/P Telephone Single Way

SP2022(P) 24 EXT Portable telephone 24 Ext.

SP2022(A) Telephone + Watertight Box

Acoustic Alarm	80 dB (1 m)	80 dB (1 m)	104 dB (A) (1m)
Alarm Source	-	-	24 VDC- 25 W
Operating temperature	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C
Relative humidity	Up to 95% (Non Condensing)	Up to 95% (Non Condensing)	Up to 95% (Non Condensing)
Assembly	Bulkhead or Console	Por table	Bulkhead
Weight	Approx. 2 kg	Approx. 2 kg	Approx. 5.5 kg
IP	55	54	55
Connector	-	H-27-A	-



TECHNICAL SPECIFICATIONS

SPMC-2022 Handset Microphone

SPHMC-2022 Helmet Headset with Microphone

AHC-2022 Head-chest Microphone

AHCT-2022 Head-chest Microphone Extended Temperature

Acoustic Alarm	-	-	-	-
Operating temperature	-	-20°C and +50°C	-20°C to +50°C	-20°C to +70°C
Relative humidity	-	-	-	-
Assembly	-	-	Head-chest	Head-chest
Weight	Approx. 0.7 kg	Approx. 1.5 kg	Approx. 1.5 kg	Approx. 1.5 kg
IP	-	-	-	-
Connector	Plug H-39-A	Plug H-39-A	Plug H-39-A	Plug H-39-A
Cable Length	-	-	6 m	6 m



TECHNICAL SPECIFICATIONS

SI-10 Switch for Telephone Lines Isolation

SSB-16 Selector Switch Box for 16 Circuits

AFA-2022 S/P Amplifier

JB-4 Jack Box

Operating temperature	-25°C to +70°C	-	-	-
Assembly Weight	Bulkhead Approx. 3.7 kg	Bulkhead Approx. 1.5 kg	Bulkhead Approx. 2 kg	Approx. 1.15 kg
IP	65	65	-	66
Power Supply	-	-	24 VDC	-
Power consumption	-	-	15 W	-