

NEXEO | HDX™ Crew Communication Platform

Data Sheet



BS7000	Base Station
Dimensions	7.62" H x 12.579" W x 3.669" D (193.55 x 319.51 x 93.19 mm)
Weight	3.5 lb (1.59 kg)
Power Supply	Input Voltage: 100 - 240 VAC nominal Output Voltage: 48 VDC Current: 1.88 A Power: 90 W
LAN	Gbit Ethernet
Front Panel	LCD type: 800x480 TFT w/ capacitive touch
Rear Panel	RJ45 (x5), USB type C, USB type A, PCBA mounted power supply & component headers
Temperature	Operating Temperature range: 0°C (+32°F) to +50°C (+122°F).
Compliance	See NEXEO HDX - Regulatory, Compliance, and Safety Guide online



HS7000	All-In-One (AIO) Headset
Dimensions	5.2" H x 5.2" W x 2.1" D (132.1 x 132.1 x 53.3 mm) with boom excluded 9.2" H x 5.2" W x 2.1" D (234.4 x 132.1 x 53.3 mm) with boom extended down
Weight	3.67 oz (104 g) with battery included
Power Supply	Voltage: 3.7 VDC, powered from a rechargeable Lithium-ion battery
Frequency Range	Audio: 100 Hz to 7.4 kHz
Wireless	Main Radio: 5.180 GHz – 5.8525 GHz Secondary Radio: 2.402 GHz - 2.480 GHz
Power, Watts	Nominal Power with listening only: 0.314 W Maximum Power with dedicated mode: 0.407 W
Keypad type	Touch Sense
Temperature	Operating Temperature range: 0°C (32°F) to +50°C (+122°F) Storage Temperature range: -10°C (14°F) to +80°C (+176°F)
Compliance	See NEXEO HDX - Regulatory, Compliance, and Safety Guide online



AC70	Smart Battery Charger
Dimensions	5.09" L x 3.64" W x 1.84" H (129.2 x 92.4 x 46.7 mm)
Weight	5.97 oz (169.2 g)
Power Supply	Input Voltage: 100 - 240 VAC nominal Output Voltage: 5 V; 4 A MTBF: 300,000 hours calculated Charge Output: ~ 3 W per port
Wireless	Wireless PAN, 2.4 GHz Wireless Technology
Front/Top Panel	Four charging ports for BAT70 LED type: 4 x RGB, for port/battery charging status
Side Panel	Four storage ports for BAT70 (Storage ports do not charge)
Temperature	Operating Temperature range: 0°C (32°F) to +40°C (104°F). Storage: -40°C (-40°F) to +80°C (176°F). Humidity: 0 - 95%, non-condensing
Compliance	See NEXEO HDX - Regulatory, Compliance, and Safety Guide online



RT7000	Remote Transceiver
Dimensions	6.705" H x 7.157" W x 1.56" D (170.31 x 181.79 x 39.62 mm)
Weight	13.95 oz (395.6 g)
Power Supply	Voltage: 48 VDC (powered from BS7000). Current: 60 mA pk-pk @ 48 V
LAN	Ethernet wired connection to Base Station - AES/EBU interface
Frequency Range	Main Radio: 5.180 GHz – 5.8525 GHz Secondary Radio: 2.402 GHz - 2.480 GHz
Power	2.88 W
Front Panel	LED type: 5 x RGB, one for power and four for port identification
Rear Panel	RJ45 port
Temperature	Operating Temperature range: -25°C (-13°F) to +60°C (+140°F).
Compliance	See NEXEO HDX - Regulatory, Compliance, and Safety Guide online



IB7000	Interface Box
Dimensions (IB only)	5.68" H x 5.68" W x 2.05" D (144.3 x 144.3 x 52.1 mm)
Dimensions (Cover only)	5.85" H x 5.85" W x 2.22" D (148.6 x 148.6 x 56.4 mm)
Dimensions: IB with Cover	5.85" H x 5.85" W x 2.82" D (148.6 x 148.6 x 71.6 mm)
Weight: IB with Cover	18.6 oz (526.2 g). IB = 14.4 oz (408.2 g), cover = 4.2 oz (118 g).
Power Supply	Voltage: 48 VDC (powered from BS7000) Current: 0.331 A (max start up)
Frequency Range	Audio: 100 Hz to 7.4 kHz Powerline network over 48 VDC: 2 MHz – 67.5 MHz
Power	Nominal power with no audio: 5.2 W Maximum power at maximum volume: 22 W
Front Panel	Two adhesive strips for mounting to a vertical surface
Rear Panel	Phoenix connector type headers (includes speaker output and analog DM5 microphone input)
Temperature	Operating Temperature range: -25°C (-13°F) to +60°C (+140°F)
Compliance	See NEXEO HDX - Regulatory, Compliance, and Safety Guide online



SS7000	Speaker
Dimensions	3.92" H x 5.76" W x 3.44" D (99.6 x 146.3 x 87.4 mm)
Weight	1.14 lb (492.6 g)
Power Supply	Voltage: 48 VDC, powered from BS7000
Frequency Range	Audio: 100 Hz to 7.4 kHz
Power	15 W
Impedance	8 Ω
Rear Panel	Phoenix connector type headers
Wireless	N/A
Temperature	Operating Temperature range: -25°C (-13°F) to +60°C (+140°F)
Compliance	See NEXEO HDX - Regulatory, Compliance, and Safety Guide online



SP10	Speaker
Dimensions	5.62" H x 5.62" W x 4.5" D (142.8 x 142.8 x 114.3 mm)
Dimensions with foam gasket	5.62" H x 5.62" W x 4.75" D (142.8 x 142.8 x 120.6 mm)
Weight	2.55 lb (1.16 kg)
Power	15 W
Impedance	8 Ω
Temperature	Operating Temperature range: -30°C (-22°F) to +60°C (+140°F)



DM5	Microphone
Dimensions	2.81" H x 2.81" W x 1.78" D (71.5 x 71.5 x 45.1 mm)
Weight	4.37 oz (123.9 g)
Microphone Type	Electronic
Impedance	200 Ω
Temperature	Operating Temperature range: -30°C (-22°F) to +60°C (+140°F)



TI7000	Telephone Interface
Dimensions	6.6" L x 4.5" W x 1.8" H (168 x 113 x 46 mm)
Weight	7.8 oz (221 g)
Power Supply	Voltage: 12 VDC, powered from BS7000
Panel	RJ11 and RJ45 connector type ports and two on/off switches
Wireless	N/A
Temperature	Operating Temperature range: -25°C (-13°F) and +45°C (+113°F)
Compliance	See NEXEO HDX - Regulatory and Compliance, and Safety Guide online



Headset Rack

Dimensions 5" H x 20.3" W x 3.9" D (126 x 515 x 100 mm)

