

DP4800 UHF / DP4800 VHF DP4400 UHF / DP4400 VHF Handheld Radio Transceivers



Features and Functions

- 5-tone selective call and private line prevent interferences by other radio subscribers
- UHF 4 W and VHF 5W ransmitting power
- 403 to 527 MHz with UHF version
- 136 to 174 MHz with VHF version
- 12.5 kHz / 20 kHz / 25 kHz programmable channel spacing
- Handsfree operation when used with VOX headset

The handheld radio transceivers of the DP4800 and DP4400 series allow flexible wireless communication in industrial areas. The DP4800 UHF and DP4400 UHF types can be used in 70 cm UHF areas and the DP4800 VHF and DP4400 VHF types in 2 m VHF areas.

The various types differ mainly in their scope of functions. The devices of the DP4400 series provide 32 channels. The more convenient DP4800 devices are equipped with display, keypad and 1,000 channels.

Other Features

- Low weight and ergonomic design
- Limitation of transmission time possible
- Integration into INDUSTRONIC communication and public address systems

Mechanical Data

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|------------------------------------------------------|---------------------------------------------------|
| • Height x width x depth (incl. lithium ion battery) | 130.3 mm x 55.2 mm x 39.6 mm (5.1" x 2.2" x 1.6") |
| • Weight of DP4800 | Approx. 425 g (approx. 0.9 lbs) |
| • Weight of DP4400 | Approx. ca. 393 g (approx. 0.9 lbs) |

Electrical Data		
Transmitter	• Power supply	Battery 7.5 V
	• Frequency range	VHF: 136 MHz to 174 MHz UHF: 403 MHz to 527 MHz
	• Channel spacing	12.5 kHz / 20 kHz / 25 kHz
	• Average battery life at 5/5/90 cycle	6,7 h
	• Transmission power	UHF 4W / VHF 5W
	• Modulation limits	+/-2.5 kHz at 12.5 kHz +/-4.0 kHz at 20.0 kHz +/-5.0 kHz at 25.0 kHz
	• FM hum and noise	>-40 dB at 12.5 kHz >-45 dB at 20 kHz / 25 kHz
Receiver	• Rated audio power	0.5 W
	• Sensitivity (12dBSINAD) EIA	0.25 µV typ.

Environmental Requirements and Standards		
• Ambient temperature during operation		-30 °C to +60 °C (-22 °F to +140 °F)
• Dust and humidity		MIL STD810D,E,F,G
• Ingress of water		IEC 60529 IP67

Order Data	Channels	Frequency Range	Type	Type Number
1,000		403 MHz to 527 MHz	DP4800 UHF	386-063-500
		136 MHz to 174 MHz	DP4800 VHF	386-063-600
32		403 MHz to 527 MHz	DP4400 UHF	386-063-700
		136 MHz to 174 MHz	DP4400 VHF	386-063-800

INDUSTRONIC®
 Industrie-Electronic GmbH & Co. KG
 Carl-Jacob-Kolb-Weg 1
 97877 Wertheim / Germany

Tel.: +49 9342 871-0
 Fax: +49 9342 871-565

info@industronic.de
 www.industronic.com