

No Buttons to Push
Hands Free
Full Duplex
Wireless
Simultaneous Talk



E A R T E C[®]



Full Duplex Communication Systems

digicom

digital wireless

Breakthrough Full Duplex Wireless

DIGICOM STx - 1000

Digicom is a full duplex wireless that allows up to four people to communicate simultaneously. These revolutionary transceivers are not voice activated, and there are no buttons to push. To operate simply turn the units "ON" and talk through the headsets, just like on a wired intercom. The System affords a simultaneous talk, open line talking pattern for people that need to communicate and work with their hands.

- Range up to 1/4 mile
- Rechargeable batteries
8 hr capacity
- No Base Station Req.
- No FCC License Req.



*Ultra Single \$175
See inside cover for
headset options*

*Digicom STx-1000 \$450
Digital Transceiver
Rechargeable Battery / Wall Charger*



*Clearline Digital
Microprocessor*

Works Without a Base Station

Digicom are microprocessor controlled transceivers engineered with a frequency hopping architecture known as Spread Spectrum. In the Spread Spectrum format voice communications are transmitted digitally (1s and 0s), instead of by traditional radio waves. Incoming digital signals are simultaneously translated back into voice. This eliminates the need for expensive hardware such as base station repeaters.

Wireless to Wired Interface

DIGICOM DPx - 1000

The DPx-1000 is a wireless to wired interface that allows connection of Digicom full duplex transceivers to most popular wired systems (Clear Com[®], Telex[®], PortaCom[®] etc.). Each complete DPx-1000 package includes a Digicom master transceiver, software controlled interface module, and XLR interconnect cable. When added to the wired party line the DPx-1000 assembly creates a seamless audio link, allowing up to three digicom remotes to communicate in full duplex with the wired network.

Digicom Dpx-1000 \$895

Interface for your wired intercom

Includes:

- Digicom Master Transceiver,
- Interface Module, Remote Antenna
- XLR Jumper Cable.

Specify Clear Com[®], Telex[®], PortaCom[®] etc.

Stx 1000 \$450

Remote Transceiver for wireless users

Includes:

- Rechargeable Battery & Wall Charger

Purchase up to three units

Select Headsets \$___

Priced individually

Proline shown below, See inside cover for more options



Wired system connects here

One DPx 1000 interface supports up to three wireless remotes in full duplex.

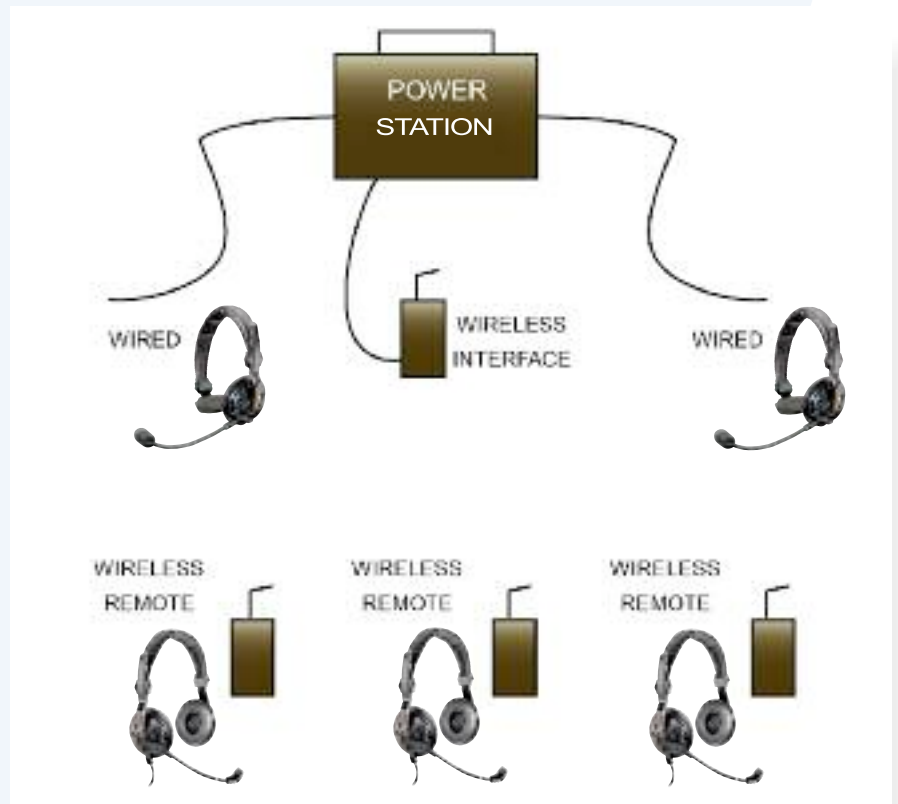


Combination Wired & Wireless Intercom

DIGICOM TCx SERIES

Digicom TCx Series are custom built intercoms which accommodate both wired and wireless headsets. Each complete system operates in full duplex mode providing hands free, simultaneous talk communications among all wired and wireless stations.

All TCx packages include a wired power station with wireless interface, headsets, floor cables, and remote Digicom transceivers. To design a custom intercom simply select the wired and wireless components that will accommodate your talking pattern, or fax a sketch to Eartec and our engineers will select the headsets, cables, transceivers etc. and furnish a price quote.



Slimline Headset shown above.



Housed in a rugged plastic console, the TCx power station includes both wired interconnection circuitry and wireless interface.

Powered by 12 Volt lantern battery (incl.) or AC power, the system is portable or may be permanently installed.



Floor Cables
 25' . . . \$55.00
 50' . . . \$65.00
 100' . . \$125.00
 150' . . \$175.00



BP-102 \$110
 Backpack for Wired User

digicom

digital wireless

Eartec's winning lineup of industrial headsets may also be purchased for use with your existing intercom.



Cyber \$85
*Discreet Featherweight Model
Comfortable Fit*



Monarch \$110
*Low Fatigue - Comfortable Fit
PBT Construction*



ProLine \$130
*Pro Audio Style
Deluxe Ear Cushions*



Proline Double \$145
*Dual Ear Pro Audio Style
Deluxe Ear Cushions*



Slimline \$110
*Midweight Headset
Rugged Spring Steel Headband*



Slimline Double \$130
*Dual Ear Midweight Headset
Rugged Steel Spring Headband*



Ultra Double \$195
*Heavy Duty Dual Ear
Contoured Foam Ear Pads*



XTreme \$249
*Hardhat Compatible
Gel Filled Contour Ear Pads
Red or Chrome color*

EARTEC®

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We Can Deliver Overnight!

Specifications

General

Dimensions	6.4 x 12.9 x 6.4 cu cm (H x W x D)
Weight	14 oz.
Modulation	FM
Frequency Range	902 - 928 MHz with over 256,000 codes
Tuning	Auto Tuning
Power	6 Volts NiMH Rechargeable Battery
Battery Life	2200 mAh, 6 - 8 hours
FCC License	Part 15, No License Required

Transceiver

Transmit Power	300 mV/m
If Bandwidth	<500 KHz
Antenna	1/4 wave helical
Operating Range	1400 ft or 425 m (Line of sight)
Temperature Range	-40 C to + 80 C
Audio Connector	4 Conductor XLR Type (chassis mount)
Microphone Type	Noise cancelling electret microphone

DPx Intercom Module

Power Requirements	7.2 volts - 100 mAh (AC jack available)
Audio Line Level Adj.	Digital tapping pots
Connection to Intercom	3 Conductor XLR type for unbalanced lines 4 Conductor XLR type balanced available
Antenna (DPx Transmitter)	3dB gain antenna with magnetic base mount 20' RG58 coax cable incl.

Accessories

Remote Antenna	\$129.00
Camera Audio Monitor	\$ 30.00
Gel Earpads (pair)	\$ 19.95
Microphone On/Off Switch	\$ 25.00
Deluxe Padded Case	\$ 99.00



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