



EARTEC®

Hands Free Communication

Revolutionary

Event Videography

Wired Interface

Television

Church Production

Theater Arts



TD 900

professional wireless systems

TD 900

HOW FULL DUPLEX WORKS



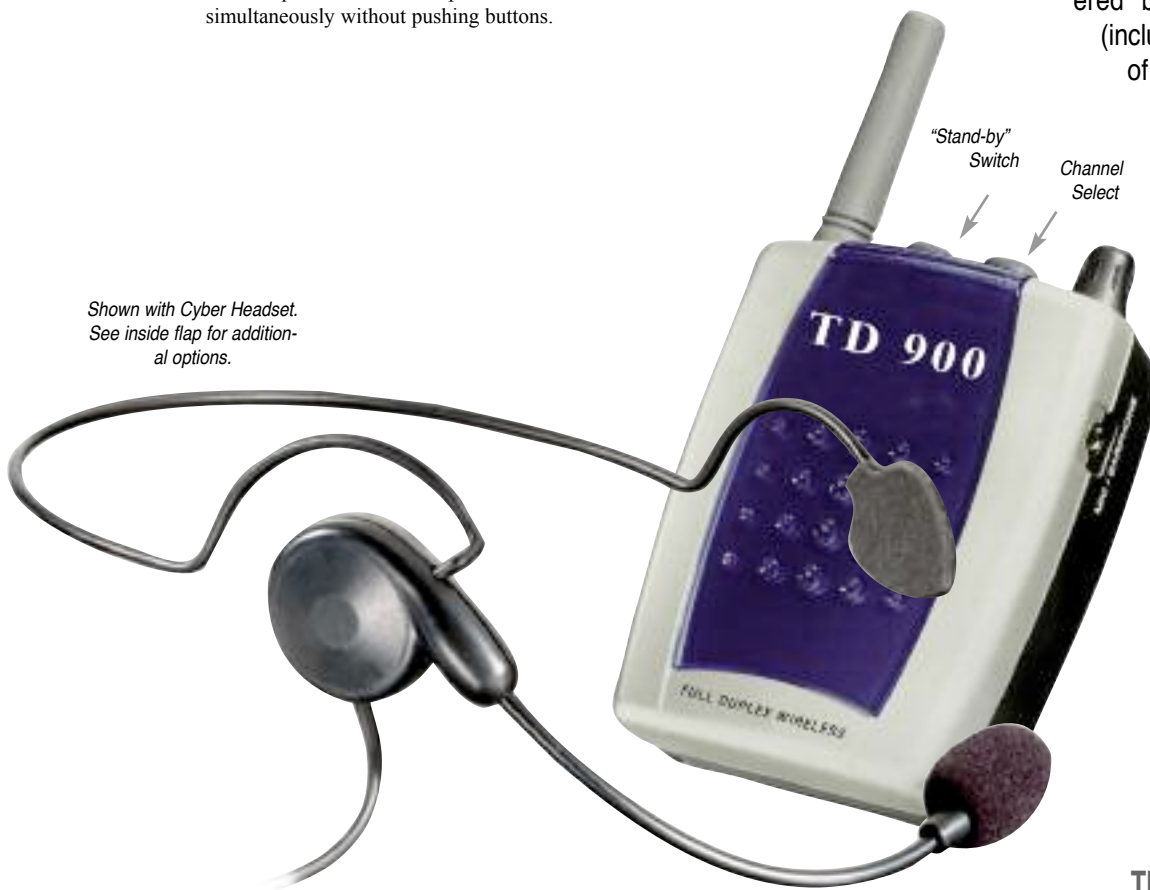
The TD 900 sends & receives messages concurrently utilizing two different frequencies. This full duplex format allows partners to talk simultaneously without pushing buttons.

The TD 900 is a breakthrough full duplex wireless that provides hands free, two-way voice communications. This revolutionary intercom is not voice activated and there are no buttons to push. To operate simply turn the radios on, set the channel, and talk, exactly like on a wired system.

TD 900 transceiver operates without complicated base station repeaters and is powered by rechargeable ni-cad batteries (included) that provide over five hours of talk time.

With an operating range of up to one quarter mile the TD 900 is the ideal solution for people that need to communicate and work with their hands at the same time.

No FCC License Required!



*Shown with Cyber Headset.
See inside flap for additional options.*

TD 902 w/ Cyber . . . \$299
Complete 2 Person System

2 TD 900 Radios
2 Cyber Headsets

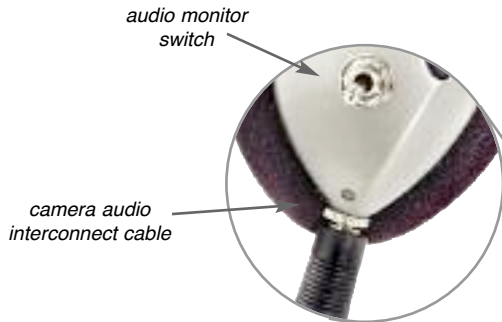


*Padded Cases Available
(Standard Case Shown)*

Customize the TD 902 Wireless by selecting the desired headsets from the option page (see inside flap). Replace the model & price of the headset listed.

TD 900

Videographer Special



TD 902 VS . . . \$390
Complete 2 Person System

Includes:

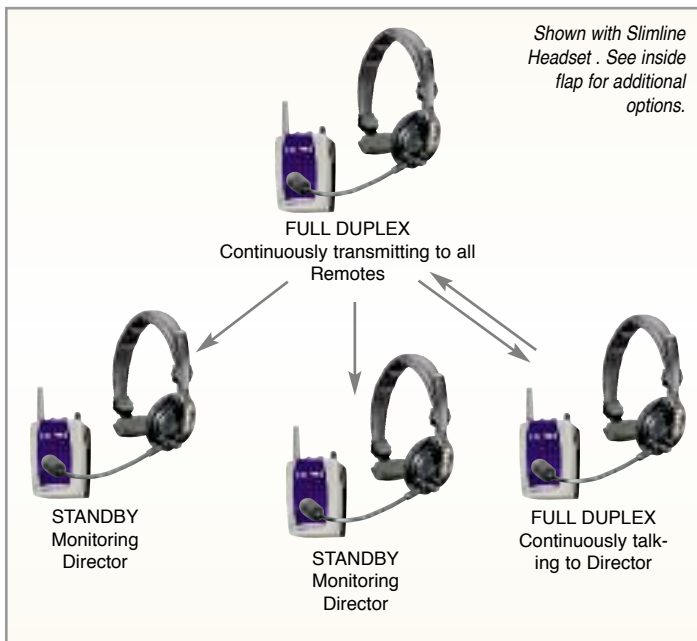
- 2 TD 900 Radios
- 1 Cyber Headset
- 1 Monarch w/Camera Audio Monitor
- 2 Rechargeable Batteries / Chargers



The TD 902 VS wireless is a customized "hands free" intercom designed specifically for professional videographers. All TD 900 VS systems include a Monarch headset fitted with a shell mounted switch, quick disconnect connector and camera interconnect cable. These components allow videographers to monitor incoming camera audio in one earpiece while maintaining continuous wireless voice contact with remote crew members in the other.

Pro Series

The TD 900 Pro Series is a multi station team communication system. Each Pro Series intercom provides the director hands free voice contact with an unlimited number of remote stations. All remotes monitor the director, and when called upon, can switch from "Standby" (listen only) to continuous talk operation.



TD 904 Pro Series w/ Slimline . . . \$800
A Straightforward 4 Station System

- 4 TD 900 Radios (1 master, 3 remotes)
- 4 Slimline Headsets

Customize the TD 900 Pro Series by selecting the desired headsets from the option page (see inside flap). Replace the model & price of the headset listed.

Wired Interface Series

TDx 901 Interface w/ ProLine . . . \$655

One Person Setup

- 2 TD 900 Radios (1 master, 1 remote)
- 1 TDx INT (wired interface assembly)
- 1 Proline Headset

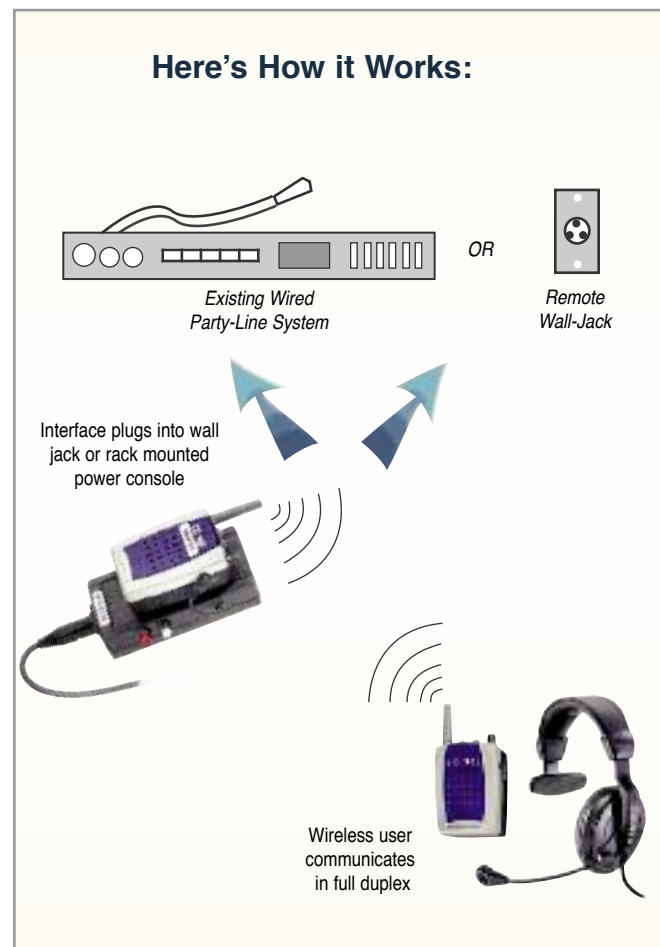
The TDx 901 Interface allows you to add full duplex wireless headsets to any existing wired intercom without complicated and expensive base stations.

The complete system consists of a TD 900 Master transceiver, TDx Int interface module and remote TD 900 radio with headset. The Master radio clips to the front of the Interface and then plugs into the wired system. The Interface module includes a software driven circuit that matches the audio levels of the wireless to that of the wired intercom (Clear Com[®], Telex[®], RTS[®] etc.).

Remote wireless users enjoy hands free, full duplex voice communications with the wired party line without interconnecting cables or wired beltpacks.



System shown with ProLine Headset.



Customize the TD 901 Interface Series by selecting the desired headsets from the option page (see inside flap). Replace the model & price of the headset listed above.

Headset Options

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



Cyber \$25
*Discreet Featherweight Model
Comfortable Unisex Fit*



Ultra Single \$110
*Heavy Duty Single Ear
Contoured Foam Ear Pads*



ProLine \$110
*Pro Audio Style
Deluxe Ear Cushions*



Proline Double \$125
*Dual Ear Pro Audio Style
Deluxe Ear Cushions*



Slimline \$75
*Midweight Headset
Rugged Spring Steel Headband*



Slimline Double \$95
*Dual Ear Midweight Headset
Rugged Steel Spring Headband*



Ultra Double \$145
*Heavy Duty Dual Ear
Contoured Foam Ear Pads*



Monarch \$85
*Low Fatigue - Comfortable Fit
PBT Construction*

EARTEC®

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1-800-399-5994

We Can Deliver Overnight!

TD 900

Specifications

General

| | |
|-----------------|--|
| Dimensions | 10.2 x 8 x 3.8 cu. cm (H x W x D) |
| Weight | 12.4 oz. |
| Modulation | Frequency Modulation |
| Frequency Range | 902.6 - 904.55:925.6 - 927.55 MHz (40 Channel Combination) |
| Tuning | PLL Frequency Synthesizer |
| Power | 4.8 Volt NiCad Rechargeable Battery, 700mAH |
| Battery Life | Standby (50mA)-12 hours: Communication (140mA)-5 hours |
| Charging Time | 70mA/hour trickle; 12 hours for a full charge |
| FCC License | Part 15 No License Required |

Transmitter

| | |
|--------------------|----------------------|
| Output | 50mV/m (FCC Part 15) |
| Deviation | +/- 7KHz |
| Modular Distortion | < 5% |
| Spurious Radiation | > 50 dBC |

Receiver

| | |
|-----------------|---|
| Sensitivity | < -116dBm @ 12dB SINAD |
| If Bandwidth | 15 KHz |
| Image Rejection | > 60 dB |
| Operating Temp. | -10 to + 40 C |
| Switches | Off / Volume, Channel Selection, Full/Standby |
| Antenna | 1 cm x 5 cm |

Accessories

| | | |
|----------------|---|--------------|
| <i>TD 900</i> | <i>Full Duplex Transceiver (Master or Remote)</i> | <i>\$125</i> |
| <i>TDx 4N</i> | <i>Standard Nicad Battery</i> | <i>\$13</i> |
| <i>TDx 4CH</i> | <i>Wall Charger</i> | <i>\$15</i> |
| <i>TDx 4Ex</i> | <i>Extended Life Battery (charger incl.)</i> | <i>\$32</i> |
| <i>TDx 9V</i> | <i>9 Volt Disposable Battery Adapter</i> | <i>\$20</i> |
| <i>TDx INT</i> | <i>Wired Interface</i> | <i>\$295</i> |
| <i>TDx CC</i> | <i>Standard Padded Carrying Case</i> | <i>\$25</i> |
| <i>TDx DCC</i> | <i>Deluxe Padded Carrying Case</i> | <i>\$99</i> |
| <i>CAM</i> | <i>Camera Audio Monitor</i> | <i>\$30</i> |



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