

First-In Communications provides state of the art communication products that increase the safety and effectiveness of all First Responders.



2007

PRODUCT **CATALOG**

First in Safety. First in Sound.

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Package Recommendations

TRANSMIT & RECEIVE

- TAC-COM™ Ultra Light (TC-UL) PG. 3
- OTTO Palm Mic (PAL10172) PG. 7
- Motorola® Adapter (TY-007) PG. 6



RECEIVE ONLY

- TAC-COM™ Heavy Duty (TC-HD) PG. 3
- TAC-COM™ Single Wire (GCM) PG. 5



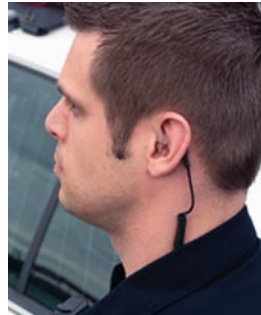
RECEIVE ONLY

- TAC-COM™ Ultra Light (TC-UL) PG. 3
- TAC-COM™ Single Wire (GCM) PG. 5



TAC-COM™ ULTRA LIGHT **EARPIECE** TC-UL

- Most preferred by Law Enforcement
- Superior sound quality
- Kevlar® reinforced for durability
- Eliminates condensation issues
- Allows user to receive communications
- 1 year limited warranty



Available in Black Only

Weight: 0.15 oz.

Wire Diameter: 0.073

Two Pin Polarized Female Connector

One Stock Communication Ear Tip (SE-INJ)



TAC-COM™ HEAVY DUTY **EARPIECE** TC-HD

- Cable Jacket is UL VW-1 Flame Test Rated
- Same superior sound quality as the Ultra-Light model
- Eliminates condensation issues
- Contains electro magnetic interference (EMI) shielding
- Allows user to receive communications
- 1 year limited warranty

Available in Black Only

Weight: 0.45 oz.

Wire Diameter: 0.135

Two Pin Polarized Female Connector

One Stock Communication Ear Tip (SE-INJ)



TAC-COM™

For Shoulder Mic / 2.5mm and 3.5mm

- Redirects incoming transitions to users ear
- Connects quickly and easily to most shoulder mics
- Kevlar® reinforced cable
- Available in either 2.5mm or 3.5mm right angle plug
- Superior sound quality
- Allows user to receive communications as well as ambient sound
- Constructed with medical grade components
- 1 year limited warranty



US Patent #6961440B1
A102.5 / A103.5



TAC-COM™ HOLLOW COIL EARPIECE *TCHC*

- Resists condensation blockage
- Superior strength and durability
- Retains flexibility over time



RECEIVE ONLY CABLES

GCM, 2.542, 2.520, and 3.520

- Newly redesigned strain relief with superior wear resistance
- Connects TAC-COM™ unit: TAC-COM™ Ultra Light, TAC-COM™ Heavy Duty or Hollow Coil to radio, adapter or hand mic (Receiver not included)
- Rugged and flexible cable with Kevlar® reinforcing
- 1 year limited warranty



GCM



2.520



2.542



3.520

PN	Description	Connects
GCM	2 pin, 42" cord, 3.5MM threaded plug	TC to radio or adapter
2.542	2 pin, 42" cord, 2.5MM mono plug straight	TC to radio
3.520	2 pin, 20" cord, 3.5MM mono 90° plug	TC to shoulder Mic
2.520	2 pin, 20" cord, 2.5MM mono 90° plug	TC to shoulder Mic



MOTOROLA® JEDI SERIES

ADAPTER *TY-Q07*

- Adapter has integrated Push-to-Talk (PTT)
- 6-Pin Hirose Quick Disconnect
- 1 year limited warranty

Use this adapter on Motorola GP900, GP9000, HT1000, JT1000, MTS2000, MT2000, MTX838, MTC900, MTX9000, MTX960, MTX-LS, XTS2500, XTS3000, XTS3500, XTS5000 and EF Johnson Radios



Connectors & Adapters

MOTOROLA

01 Connects to TY-007 Adapter



02 SP50, CP100, CP150, CP200, CT150, CT250, CT450, CT450LS, GP2000, GP300, GP350, GP308, GP68, GP88, GTI, GTX, LTS2000, P040, P080



03 Spirit GT, Talkabout 270/280, T5100, T5200, T5600, T5620, T5700, 5720, T5800, fr50, f6



06 HT1250, HT750, HT1550, MTX Series, GP series, PRO series



07 Motorola GP900, GP9000, HT1000 series, JT1000, MT2000, MTS2000, MTX8000, MTX838, MTX900, MTX9000, MTX960, MTX-LS, XTS2500, XTS3000/Astro, XTS3500, XTS5000 - Motorola EX500, EX600, GL2000, GP328Plus, GP338Plus, GP344, GP388, PRO515Elite, Visar Series - EFJohnson 5000, 5100, 7700



ICOM

30 F3G, F3GS, F4G, F4GS, F11, F11S, F21, F21S, F31



KENWOOD

11 TK-220, TK-240, TK-248, TK-250, TK-260, TK-270, TK-272G, TK-308, TK-260, TH-360, TK-270. TK-370



16 TK-2140, TK-280, TK-290, TK-3140, TK-380, TK-390, TK-480, TK-481



YAESU

50 VX-2R



51

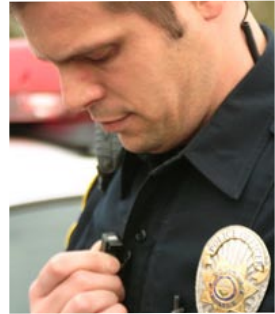


2-Wire Earpieces

OTTO® 2-WIRE PALM MIC PAL-10172

- Lapel style microphone with Push-to-Talk button
- Less cumbersome than shoulder mic
- This unit requires a TAC-COM™ Earpiece to receive sound: TAC-COM™ Ultra Light (recommended), TAC-COM™ Heavy Duty or Hollow Coil
- 1 year limited warranty

Optional adapter required on some radio models. See Pg.6



TYPHOON TY-200 SERIES SMALL LAPEL MIC

Transmit and Receive System

- Upgradeable to TAC-COM UL or HD
- Available w/ Quick Disconnect
- Includes 2 ear tips
- 1 year limited warranty

Adapter required on some radio models.



TYPHOON TY-600 SERIES LARGE LAPEL MIC

Transmit and Receive System

- Upgradeable to TAC-COM UL or HD
- Available w/ Quick Disconnect
- Includes 2 ear tips
- 1 year limited warranty

Adapter required on some radio models.



TYPHOON TY-100 SERIES BONE MIC

Transmit and Receive System

- Transmit and Receive through the ear (uses jaw bone to conduct sound)
- Perfect solution for loud environments
- 3 choices of Push-to-Talk (PTT), drum lapel, and ring PTT
- Discreet
- Universal earpiece
- 1 year limited warranty

Adapter required on some radio models, see PG.6



TYPHOON TY-700 SERIES THROAT MIC

Transmit and Receive System

- Perfect solution for loud environments
- 2 choices of Push-to-Talk (PTT) lapel and ring PTT
- Comfortable to wear for long hours
- Replaceable sound tube and/or earpiece
- 1 year limited warranty

Adapter required on some radio models, see PG.6



TYPHOON TY-400 SERIES 3-WIRE SURVEILLANCE KIT

Transmit and Receive System



- Comfortable to wear
- Available with quick disconnect
- Discreet communications
- Affordable
- 1 year limited warranty



TYPHOON TY-900 SERIES HEAVY DUTY HEADSET W/ BOOM MIC

Transmit and Receive System



- Large PTT
- 1 year limited warranty

Adapter required on some radio models, see PG. 6



TYPHOON TY-300 SERIES BOOM MIC

Transmit and Receive System

- Comfortable to wear for long hours
- Adjustable boom
- Affordable
- 1 year limited warranty

*Adapter required on some
radio models, see PG. 6*



TYPHOON TY-500 SERIES EAR HUNG

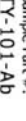
Transmit and Receive System

- Comfortable to wear for long hours
- Discreet communications
- Affordable
- 1 year limited warranty



<p>Commercial Grade TY-100 Series</p>	<p>Commercial Grade TY-200 Series</p>	<p>Commercial Grade TY-300 Series</p>	<p>Commercial Grade TY-400 Series</p>	<p>Commercial Grade TY-500 Series</p>	<p>Commercial Grade TY-600 Series</p>	<p>Commercial Grade TY-700 Series</p>
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Motorola

Kenwood

ICOM

PTT Options


Note: Not all PTT's are available for all models. Lipset PTT is all that's offered for the TY-100 series)

01

02

03

11

12

16

30

50

Big PTT
A

Lipset PTT
B

Finger PTT
C

TY-101 Series

TY-102 Series

TY-103 Series

TY-104 Series

TY-105 Series

TY-106 Series

TY-107 Series

TY-300 Series

TY-400 Series

TY-500 Series

TY-600 Series

TY-700 Series

TY-101 Series

TY-102 Series

TY-103 Series

TY-104 Series

Sample Part #:

TY-101-Ab

Other: example b = beige color cord

PTT Type: A = Big PTT (Not used in most models)

Adapter: 01 = Vsear 3.5mm threaded

Style: solid 100 series = Bone Mic.

Brand: TY = Typhoon

Ear Plugs / Communication Plugs

POLICE SILHOUETTE MOLD *SIL*

- Custom Molded for superior comfort.
- Cut away design allows user to hear ambient sounds.
- Supersoft Poly Sheer II Material.

**Requires ear impression.*



STOCK COMMUNICATION MOLD *SEINJ*

- Comfortable
- Enables user to hear ambient sound
- Very flexible
- Available in left or right sizes small, medium, and large (please specify when ordering)



CUSTOM SHOOTERS EAR PLUGS *SHOOT*

- Unmatched comfort and protection.
- NRR 28
- Supersoft Poly Sheer II Material.
- Multiple color options.
- Cord option available.

**Requires ear impression.*



CUSTOM MOTORCYCLE EAR PLUGS *SWMC*

- Cut away design for under helmet use.
- Supersoft Poly Sheer II Material.
- Multiple color options.

**Requires ear impression.*



CUSTOM FILTERED EAR PLUGS SWFIL

- Unmatched comfort and protection.
- Decibel filters allow for voice communications.
- Your choice of filters.
- Supersoft Poly Sheer II Material.
- Multiple color options.
- Cord option available.



**Requires ear impression.*

INDEPENDENT LAB ATTENUATION DATA (NRR=28dB)									
Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000
ANSI Mean Attenuation (dB)	33.2	34.5	36.6	34.6	36.5	42.4	44.1	43.9	44.9
S3.12 1974 Standard Deviation	3.7	3.8	4.3	3.6	3.7	3.8	4.3	4.8	3.8

INDEPENDENT LAB ATTENUATION DATA (NRR=28dB)									
dB Mean Attenuated by Frequency (Hz)									
CFA Filter	125	250	500	1000	2000	3150	4000	6300	8000
Plug	28.0	31.0	30.3	27.7	35.7	32.3	39.7	43.7	44.0
680 OHM	3.3	4.3	7.0	14.7	28.0	24.3	25.0	31.0	24.3
1500 OHM	7.0	8.3	13.3	17.7	27.3	26.0	27.0	31.3	30.0
2200 OHM	8.7	12.3	17.0	19.0	29.3	28.0	29.0	33.3	32.0
3300 OHM	14.3	16	19.3	22.7	29.7	28.7	31.7	35.0	34.7
4700 OHM	10.7	17.7	21.3	25.0	30.3	29.0	32.7	34.0	35.0

Speaker Microphones



STONE MOUNTAIN SWORD SPEAKER MICROPHONE

- Designed specifically for Law Enforcement, EMS, and Rescue use.
- Supports full line of 2.5mm., 3.5mm, and 6-pin Hirose connector accessories.
- Emergency button easily accessible on top of microphone.
- Immersion rated to two meters for 60 minutes.
- 18 month warranty



STONE MOUNTAIN JUNO SPEAKER MICROPHONE

- Designed for Firefighters
- Larger buttons for easier use while wearing gloves.
- All-Clear Microphone porting system.
- Emergency button easily accessible on top of microphone.
- Supports full line of 2.5mm., 3.5mm, and 6-pin Hirose connector accessories.
- 18 month warranty

*Available Inline Connectors: 2.5mm, 3.5mm and 6-Pin Hirose.
Call for pricing and availability for your radio model.*

