



## TALKPRO / TALKPRO XPRESS

### MICROPHONE SPECIFICATIONS

Microphone: Gentex noise canceling  
Ambient noise suppression: 13dB @ 1 kHz, typical  
Output impedance: 1.8 kOhms typical  
Sensitivity: -54dB @ 1kHz (defined 1" from talk-side, 82dB SPL)  
Signal to noise ratio: More than 50dB  
Frequency response: 100Hz to 6.3 kHz  
Operating current: 300uA max  
Operating voltage: 1.0V DC min. to 20V DC max.

### RECEIVE SPECIFICATIONS

Speaker: Dynamic, 36mm diameter  
SPL: 90dB @ 1 kHz, 0.22 V input  
Impedance: 32 Ohms  
Frequency response: 100 Hz to 6.3 kHz  
Rated input power: 10 mW continuous, 100 m W peak

### MECHANICAL SPECIFICATIONS

Cables: Stranded wire, spiral shield, polyethelene insulation, PVC jacket  
Connection: MIC: 3.5mm stereo plug with tip and ring wired independently.  
SPEAKER: 3.5mm stereo plug with tip and sleeve wired to speaker; ring open  
Microphone Boom: Flexible gooseneck / Swivels 270 degrees for left or right ear placement  
Headband: Stainless steel adjustable band; Ratchet positioning  
Weight (without cord): 1.5 oz  
Cord: Single cord terminates with 3.5mm plugs. No quick disconnect.  
Cord Length: TalkPro 10' 8" / TalkPro XPress 10' 4"



## TALKPRO MAX / MAX-2 / USB100 / USB200

### MICROPHONE SPECIFICATIONS

Microphone: Gentex noise canceling  
Ambient noise suppression: 13dB @ 1 kHz, typical  
Output impedance: 1.8 kOhms typical  
Sensitivity: -54dB @ 1kHz (defined 1" from talk-side, 82dB SPL)  
Signal to noise ratio: More than 50dB  
Frequency response: 100Hz to 6.3 kHz  
Operating current: 300uA max  
Operating voltage: 1.0V DC min. to 20V DC max.

### RECEIVE SPECIFICATIONS

Speaker: Dynamic, 36mm diameter  
SPL: 99 + 3dB (MEAN VALUE @ 0.8, 1.0, 1.2, 1.5 KHz)  
Impedance: 300 Ohms  
Frequency Response: 190 To 5.2 KHz  
Rated Input Power: 40 mW continuous, 100 mW maximum

### MECHANICAL SPECIFICATIONS

Cables: Stranded wire, PVC Insulation, polyurethane jacket  
TalkPro Max Connection: Mic- 3.5mm stereo plug with tip and ring wired independently  
Speaker- 3.5mm stereo plug with tip and sleeve wired to speaker; ring open  
Inline pendant: plastic with mod plug connection for lower cord.  
TalkPro USB Connection: USB sample rates down sampled by host: 8, 11.025, 22.05, 44.1 kHz, normal USB sample rate 48kHz  
Microphone Boom: Flexible gooseneck / Swivels 270 degrees for left or right ear placement  
Headband: Stainless steel adjustable band; Ratchet positioning  
Weight (without cord): Monaural - 1.5 oz / Binaural - 2 oz  
Cord: Upper and lower cords connected via quick disconnect style pendant  
Cord Length: TalkPro Max 10' 2" / TalkPro USB 10' 7"



### Compatible with:

- CT Switch
- Passport V-series USB Cord
- QD1030 Sound Card Cord

## TALKPRO SP1/ SP2

### MICROPHONE SPECIFICATIONS

Microphone: Gentex noise canceling  
Ambient noise suppression: 13dB @ 1 kHz, typical  
Output impedance: 1.8 kOhms typical  
Sensitivity: -54dB @ 1kHz (defined 1" from talk-side, 82dB SPL)  
Signal to noise ratio: More than 50dB  
Frequency response: 100Hz to 6.3 kHz  
Operating current: 300uA max  
Operating voltage: 1.0V DC min. to 20V DC max.

### RECEIVE SPECIFICATIONS

Speaker: Dynamic, 36mm diameter  
SPL: 99 + 3dB (MEAN VALUE @ 0.8, 1.0, 1.2, 1.5 KHz)  
Impedance: 300 Ohms  
Frequency Response: 190 To 5.2 KHz  
Rated Input Power: 40 mW continuous, 100 mW maximum

### MECHANICAL SPECIFICATIONS

Cables: Stranded wire, PVC insulation, polyurethane jacket  
Connectors: Gold plated; quick disconnect  
Microphone Boom: Flexible gooseneck / Swivels 270 degrees for left or right ear placement  
Headband: Stainless steel adjustable band; Ratchet positioning  
Weight (without cord): Monaural - 1.5 oz / Binaural - 2 oz  
Cord: Terminates in a quick disconnect connector  
Cord length: 2' 1"



### Compatible with:

- TalkPro SP Headsets

## CT SWITCH

### TELEPHONE TRANSMIT PATH FROM HEADSET

Output Network: AC coupled, transformer isolated, self-configuring for electret, dynamic, or carbon type telephone.  
Output Level: Auto-setting for telephone type with manual fine adjustment  
Transmit Adjustment: -10dB max to -3 dB min.  
Mic Sensitivity: -53dB at 82 dB SPL at 25mm

### TELEPHONE RECEIVE PATH TO HEADSET

Input Impedance: 300 Ohms  
Volume Control: +20dB max to -6dB min.  
Output Level: 94 dBA at max. volume with headset supplied, 300 Ohm receive; AGC circuit limited

### OPERATING POWER

120 VAC adapter supplied providing 12 VDC, 100 mA output for USA and Canada. European and UK adapters available.

### MIC OUTPUT TO COMPUTER

Output Level: -50dB at 82 dB SPL at 25mm  
Output Impedance: 2.2 k Ohms

### SPEAKER INPUT FROM COMPUTER

Input Impedance: 500 Ohms, transformer isolated  
Output Level to Headset: -4 dB rel. to output from computer  
Acoustic Output: 105 dBA max

### MECHANICAL SPECIFICATIONS

Plastic housing  
Weight (without cords): 5.1 oz  
Cords: 18' modular cord to telephone. 10' modular coil cord. Quick disconnect compatible with TalkPro SP or TuffSet style headsets. 7' 7" cord to computer with two 3.5mm (mic and speaker) plugs.

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