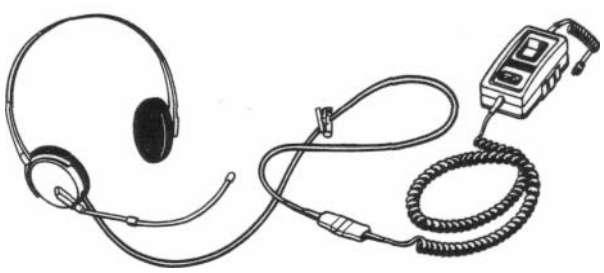

Supra StarMate E-Plus

Communication Headset

Technical Specifications

FEATURES

• Adjustable transmit gain and frequency response
AC/DC converter power supply Separate receiver for each ear, binaural Single receiver for one ear, monaural Ultralight cushioned on-the-ear receiver Quick-disconnect for user mobility SoundGuard® system for protection against unexpected loud noises Streamlined, adjustable headband Adjustable acoustic voice tube Three-position volume control switch Adjustable clothing clip Modular plug connector

APPLICATIONS

For use with telephones equipped with dynamic or electret handsets. For further details, call your dealer or the toll-free number below.

COMPLETE HEADSET WEIGHT:

Monaural: Complete headset including cord, power supply, and amp/plug case, net: 338 grams (11.0 oz.) nominal
Headset only net: 44 grams (1.5 oz.) nominal
Shipping Weight: 562 grams (19.9 oz.) nominal

Binaural: Complete headset including cord, power supply, and amp/plug case, net: 370 grams (13.1 oz.) nominal
Headset only, net: 60 grams (2.1 oz.) nominal
Shipping Weight: 594 grams (21.0 oz.) nominal

FCC Number: AL895S-68471-KX-N

Accessories	Part Number
Foam Cushions	17596-01
Personal Storage Pouch	17599-01
Instruction Guide	18119-02
Voice Tube	17593-02
AC/DC Power Converter	17800-02

For Additional Information

To obtain additional information, call Plantronics/Santa Cruz toll-free at 1-800-538-0748 (in California, 1-800-662-3902). Or contact any major distributor of telecommunications products.

[9] Supra, StarMate and SoundGuard are registered trademarks of Plantronics, Inc.

* StarMate E-Plus is a trademark of Plantronics, Inc.

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TRANSMIT[1]

Output Level[1]: -58.0 to -26.0 dBV (1.3 to 50 mVrms) user adjustable

Output Impedance: 75 to 1200 ohms (varies with output level adjustment)

Frequency Range: 300 to 3300 Hz

Voice Switch Point[3]: 77.5 dB SPL nominal

Switch Depth[4]: 130 dB

Switch-Up Time[5]: 10 ms nominal

Switch-Down Time[6]: 200 ms nominal

Distortion: Less than 5%, 300-3300 Hz. Typically, less than 2% at normal speech levels.

Microphone Transducer: Electret

RECEIVE* Output Level[2]: (Gain Position I)

77 dB SPL (nominal), monaural
75 dB SPL (nominal), each ear, binaural

Output Level Control: 3-Position Manual Volume Control

Switch Position I: 0 dB
Switch Position II: +8 dB
Switch Position III: +16 dB

Automatic Gain Control (SoundGuard): Maximum receive output is 105 dB SPL with a -15 dBV drive

Backup Limiter: Solid-state varistor across receiver transducer

Frequency Range: 300-3300 Hz

Distortion: Less than 5% at -38 dBV input (from 300 to 3300 Hz). Typically, less than 2% at normal speech levels.

Input Impedance: 150 ohms nominal

ENVIRONMENTAL

Operating Temperature: 0°Cto +50°C(+32°Fto +122°F)

Storage Temperature: -40°C to +66°C (-40°F to +140°F)

NOTES

1. All transmit measurements are made with 94 dB SPL drive at 1000 Hz into a 10K ohm resistive load with the voice tube fully retracted. All values are nominal.
2. All receive measurements are made with -38 dBV drive at 1000 Hz with foam cushions using an IEC supraural coupler per ANSI S3.7 and with the volume control switch in Position I.
3. Voice switch point is the sound pressure level at which the amplifier sensitivity increases due to detection of spoken sounds.
4. Switch depth is the decrease in amplifier sensitivity when sound pressure input drops below switch point.
5. Switch-up time is the delay in amplifier sensitivity increase after sound pressure exceeds the switch point.
6. Switch-down time is the delay in amplifier sensitivity reductions after the sound pressure falls below the switch point.

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