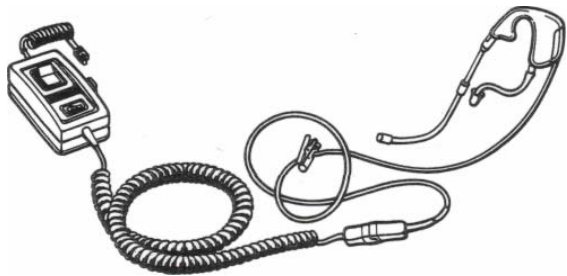


StarSet II StarMate E-Plus

Communication Headset

Technical Specifications



FEATURES

- Adjustable transmit gain and frequency response
- AC/DC converter power supply
- Lightweight contoured capsule
- Quick-disconnect for user mobility
- Adjustable acoustic voice tube
- SoundGuard® system for protection against unexpected loud noises
- Three-position volume control
- 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:

Complete headset including capsule, cord, power supply and amp/plug case, net: 329 grams (11.6 oz.) nominal

Capsule only, net: 10 grams (3.5 oz.) nominal

Shipping weight: 584 grams (20.6 oz.) nominal

FCC Number: AL895S-68471-KX-N

Accessories

Part Number

Eartip Kit	17606-01
Personal Storage Pouch	17604-01
Instruction Guide	18119-02
Voice Tube	17593-02
Eyeglass Frame Adapter	17607-01
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.

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

TRANSMIT[^]

Output Level: -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

Switch-Gain Point²: 77.5 dB SPL

Switch Depth³: 13.0 dB

Switch-Up Time⁴: 10 ms

Switch-Down Time⁵: 200 ms

Distortion: Less than 5%, 300-3300 Hz

Typically, less than 2% at normal speech levels.

Microphone Transducer: Electret

RECEIVED

Output Level²: 77 dB SPL for -38 dBV input (Volume Control Position I)

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 100 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

ENVIRONMENTAL

Operating Temperature: 0°C to +50°C (+32°F to +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 10K ohm resistive load with the voice tube fully retracted. All values are nominal.
2. Switch point is the sound pressure level at which the amplifier sensitivity changes; the point at which electronic noise canceling begins to take place.
3. Switch-depth is the decrease in amplifier sensitivity when sound pressure input drops below the switch point.
4. Switch-up time is the delay in amplifier sensitivity increase after sound pressure exceeds the switch point.
5. Switch-down time is the delay in amplifier sensitivity reduction after the sound pressure falls below the switch point.
6. All RCVR measurements made through a #6 eartip into a 2cc ASA modified type 3 coupler.



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