### ANDREA SYSTEMS LLC

## Product Specification

# Interphone Receiver Amplifier Model A642-1A



Model A642-1A

THIS UNIT IS USED ON THE FOLLOWING AIRCRAFT:

• S-76 Helicopter

#### **GENERAL CHARACTERISTICS**

against 600 V spike and transient

requirements of MIL-STD-704A

Size...... 2 1/2" W x 1 3/4" H x 1 3/8" D

over terminals

Weight...... 5 oz. Maximum

ENVIRONMENTAL..... MIL-E-5400 CLASS I

Temperature

Continuous Operation...... -54° C to +55° C Intermittent Operation...... +55° C to +71° C

**PERFORMANCE** 

Distortion...... 5% max @ 170 mW

10% max @ 300 mW

Frequency Response....... 2 dB from 400 Hz to 6000 Hz

Ripple rejection...... 55 dB minimum

Stable and protected against open and short circuits.

### **DESCRIPTION AND USE**

The Andrea Model A642-1A is a miniature, encapsulated, solid-state receiver amplifier for use in interphone or other voice audio systems. The amplifier has adjustable gain and will operate satisfactorily over a wide range of environmental conditions.

C46-5381 Rev B