

## **SPECIFICATIONS FOR ACT-707TM TRANSMITTER**

| ITEM                                        | SPECIFICATIONS                       |
|---------------------------------------------|--------------------------------------|
| 1. FREQUENCY RANGE                          | 794000 ~ 806.000MHz                  |
| 2. FREQUENCY GENERATION                     | Phase Locked Loop (PLL) technique    |
| 3. CHANNEL GRID                             | 25KHz                                |
| 4. FREQUENCY STABLE                         | $\pm 0.005\%$ 0 ~ +50                |
| 5. MODULATION                               | FM                                   |
| 6. RF OUTPUT POWER (50 OHMS LOAD)           | <10mW                                |
| 7. SPURIOUS EMISSION                        | <4nW                                 |
| 8. NOMINAL DEVIATION                        | $\pm 40$ KHz                         |
| 9. AUDIO FREQUENCY RANGE                    | 80~18,000Hz                          |
| 10. DISTORTION<br>(AT 1KHZ AND NOMINAL DEV) | <0.3%                                |
| 11. PRE-EMPHASIS                            | 25uS                                 |
| 12. MIN. OPERATING VOLTAGE                  | +2V DC                               |
| 13. BATTERY                                 | AA3(1.5V) $\times 2$                 |
| 14. CURRENT CONSUMPTION                     | Approx. 80mA                         |
| 15. ANTENNA                                 | Exter (1/4 $\lambda$ )               |
| 16. CONNECTORS                              | 4 PIN SCREW TYPE MINIATURE           |
| 17. DIMENSION (m/m)                         | 105(L) $\times$ 66(W) $\times$ 25(H) |
| 18. WEIGHTS                                 | Approx. 145g                         |
| 19. ENVIRONMENTAL                           | Full SPECS -10 to 60                 |

ACT707TMI01A