S1695 Transmitter
User manual

S1695 Handheld Transmitter

Functions:
1. Interchangeable microphone head.
2. LCD screen
3. Power/Mute Control switch
   Middle position is Mute.
4. Select button
5. Microphone input sensitivity adjustment

Handheld Transmitter

Transmitter Status Display
Push the MUTE/ button 2 second, the display will skip to the group and channel selection. Continuously push two times on the MUTE/ button to turn on MUTE/ function, to turn off the MUTE/ function with the same operation.

Manually selecting the group and channel:
Push and hold the button until the group and channel display flashes alternately, push the button to change the channel.

Transmitter data lock and unlock:
Push the mute and select button at the same time to lock and unlock the transmitter data. When locked, channel cannot be changed.

Battery display:
Display the transmitter battery level.

Battery Replacement
- The life expectancy of two alkaline batteries is about 10 hours.
- When the power indication symbol on the display screen keeps flashing as shown in the left diagram, the batteries should be replaced immediately, as shown in the above.

Specifications
S1695 Handheld Transmitter

Audio Input Level maximum
0 dBV

Dimensions (including the microphone)
9 5/8” H x 2” DIA

Weight
8.4 oz

Battery Requirements
2 “AA” alkaline batteries or rechargeable batteries
Battery Life
> 10 hours (Alkaline)
The system components include:
- Bodypack Transmitter/1.5VAA Batteries
- Receiver/1.5VAA Batteries
- User Manual

This device complies with Part 15 of the FCC Rules.
Operation is subject to the following two conditions:
1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

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S1690R Receiver Features:
1. Volume Control Knob
2. Earphone Jack
3. RF / Battery Indicator
   - Green: Power On
   - Red Flashing: Battery Low
4. Antenna
5. Battery Cover
6. Channel Selector:
   - Select from 16 channels.
   - Receiver and Transmitter must be on the same channel.

Wearing the Bodypack Transmitter:
Clip the bodypack transmitter clip to a belt, or traverse guitar tie through the bodypack transmitter clip, as the left picture shows. For best results, slide the transmitter until the belt is pressed against the base of the clip.

S1690T Transmitter Features:
1. Microphone Jack
2. Battery Indicator
   - Green: Power On
   - Red Flashing: Battery Low
3. Power Switch: ON / MUTE / OFF
4. AF Gain Button: +10dB / 0dB / -10dB
5. Antenna
6. Battery cover
7. Channel Selector:
   - Select from 16 channels.
   - Receiver and Transmitter must be on the same channel.

Battery Replacement:
A fresh alkaline battery lasts up to 6 hours. When the LED flashes RED, the battery should be replaced.

Adjusting Gain:
Normally you do not need to adjust the gain and should be left at 0dB. For loud vocal, switch to -10dB. For soft vocal, switch to +10dB.

Operating Range under Typical Condition
50m (150ft.)
Note: actual range depends on RF signals absorption, reflection, and interference.
Audio Frequency Response (+/-3 dB)
60Hz ~ 16KHz
Total Harmonic Distortion (+/- 30 KH deviation, 1 KHz tone) <1%
Dynamic Range
>90 dB (A - weighted)
Operating Temperature Range
-10°C to +50°C
Note: battery characteristics may affect the range

Receiver
Audio Output Level Maximum
(ref. +/- 30 KHz, 1 KHz) 50mW
Audio Noise Output
<-90 dBm for 30dB SINAD, typical
Image Rejection
> 55 dB
Dimensions
2 ½" H × 2 ½" W × 3 ½" D
Weight
2. 1oz without batteries
Battery
One “AA” size alkaline or rechargeable batteries
Battery life
> 6 hours (Alkaline)

Technical Data:
Frequency Range and Transmitter Output level
<table>
<thead>
<tr>
<th>Band</th>
<th>Range</th>
<th>Transmitter RF level</th>
</tr>
</thead>
<tbody>
<tr>
<td>UA</td>
<td>584-608MHz</td>
<td>13dBm</td>
</tr>
</tbody>
</table>

Bodypack Transmitter
Audio Input Level Maximum
>300mV
RF Power
9dBm
Input Impedance
10KΩ
Dimensions
3 ½" H × 2 ½" W × 3 ½" D
Weight
2.1oz without batteries
Battery
One “AA” size alkaline or rechargeable batteries
Battery life
> 6 hours (Alkaline)