

Product Operation Description

This product is a wireless microphone, which has two switching button for the following control:

1. Power on / Off (Long Press)
2. Working frequency selection (By selecting working group and channel)
3. transmit power level (All test are performed with max Tx power)

The product has a LCD display which will show the working frequency.

The product uses two pieces of “AA” batteries. The product can be charged by a linear AC/DC adaptor with the following parameter:

Input : AC 120V 60Hz

Output : DC 9V/ 300mA

Protection class : II

The main function of the product:

The microphone transfers audio signal to electric signal via audio transducer, the input electric signal were dealt with frequency modulated, amplified and transmit through integral antenna. Then receiver will receive the radio signal at the same operating channel and restore it to audio signal.

The product uses PLL technology, the operating frequency band is 740 MHz to 769 MHz. At any time one working frequency can be manually selected with the freq. group and channel setting as the following table.

	Group1	Group2	Group3	Group4	Group5	Group6	Group7	Group8	Group9	Group10	Group11	Group12
1	740.125	740.325	740.525	740.725	740.925	741.125	741.325	741.525	741.725	741.925	742.125	742.325
2	742.525	742.725	742.925	743.125	743.325	743.525	743.725	743.925	744.125	744.325	744.525	744.725
3	744.925	745.125	745.325	745.525	745.725	745.925	746.125	746.325	746.525	746.725	746.925	747.125
4	747.325	747.525	747.725	747.925	748.125	748.325	748.525	748.725	748.925	749.125	749.325	749.525
5	749.725	749.925	750.125	750.325	750.525	750.725	750.925	751.125	751.325	751.525	751.725	751.925
6	752.125	752.325	752.525	752.725	752.925	753.125	753.325	753.525	753.725	753.925	754.125	754.325
7	754.525	754.725	754.925	755.125	755.325	755.525	755.725	755.925	756.125	756.325	756.525	756.725
8	756.925	757.125	757.325	757.525	757.725	757.925	758.125	758.325	758.525	758.725	758.925	759.125
9	759.325	759.525	759.725	759.925	760.125	760.325	760.525	760.725	760.925	761.125	761.325	761.525
10	761.725	761.925	762.125	762.325	762.525	762.725	762.925	763.125	763.325	763.525	763.725	763.925
11	764.125	764.325	764.525	764.725	764.925	765.125	765.325	765.525	765.725	765.925	766.125	766.325
12	766.525	766.725	766.925	767.125	767.325	767.525	767.725	767.925	768.125	768.325	768.525	768.725