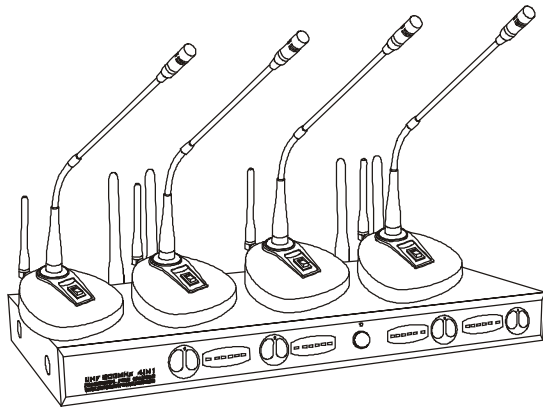


UHF 800MHZ BAND



WIRELESS MICROPHONE SYSTEM

OPERATION MANUAL



There are several model products included in this manual. Please take a few minutes to read the content about your system model before operating the equipment.

Microphone: T11 T12 T14 T16

Receiver: 8121 8122 8440

MAIN FEATURE:

- UHF 800MHz international universal band
- Twice mixer super heterodyne circuit design for high receive sensitivity
- Excellent SAW filter for RF and IF circuit for excellent anti-jamming performance
- Auto-mute and anti-skip circuit eliminates the skipping caused by the boot-strap and the other noise
- Professional audio output: balanced XLR and unbalanced 1/4" jack
- Collocating all-pervading AA size batteries for transmitter
- Dual DC-DC step up circuit for transmitter for steady RF output power
- Manufactured by Surface-Mounting Technology (SMT)

Notice: There is different frequency band for each unit, Please don't exchange microphone and receiver with different frequency band. There are idiographic show value or frequency band label on the units.

1 Safety and Environment

- 1.1 To reduce the risk of electrical shock, do not open the unit. There are no replaceable parts inside for user.
- 1.2 Please Check if the AC voltage stated matches the receivers before connecting the power cable in Receiver. Otherwise may cause irreparable damage to the unit. If not use for long time, please take out batteries form transmitter, and take out the plug form AC socket.
- 1.3 Do not place the equipment near heat sources such as radiator, heating ducts, amplifiers and etc. Do not expose this to direct sunlight, excessive dust, moisture, rain and the place near mechanical vibrations or shock. For perfect effect, keep away from electric power lines, big metal object, computer, radar station and etc.

2 System Compositions

This series wireless microphone system composes of handhold type, body-pack type (or conference type) microphone, receiver, power adapter (or internal power converter), audio cable, batteries, assistant fixing rack, channel adjustment screwdriver and etc. There are several model products included in this manual, please read the content about your system model before connecting and using your equipment.

3 Operations of microphones

3.1 Handhold microphone T11

3.1.1 Install batteries

Handhold microphone T11 was shown in Fig.1. Take out the microphone and RF antenna from the packing box, revolve the antenna into the bottom of the microphone, screw off the battery cover, insert two AA size alkaline batteries in right polarity marks, and close the battery cover.

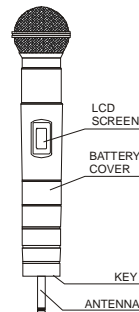


Fig.1 Handhold microphone T11

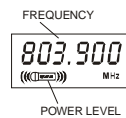


Fig.2 Screen of T11

3.1.2 Turn on or turn off the microphone

Press the power button (POWER) to turn on or turn off the microphone. When turn on the microphone, the operation frequency or channel number and the power level will display on the LCD screen, see Fig.2. And turn off the microphone, the LCD screen will display "OFF" and then go out.

3.1.3 Change channel

Screw the key anticlockwise and keep for a moment, the "MHz" in the LCD screen will flash, then release the key, and screw the key clockwise or anticlockwise again to change the operation frequency. Then press the power button (POWER) once to finish change, then the "MHz" will stop flashing.

3.1.4 Change the display content

The LCD screen may display operation frequency or channel number. To change the display content, screw the key clockwise and keep for a moment, the "MHz" in the LCD screen will flash, then release the key, and screw the key anticlockwise, the content will display alternately between the frequency and the channel number. Press the button (POWER) once to make sure and quit, and the "MHz" in the LCD screen will stop flashing.

3.2 Body-pack microphone T12

3.2.1 Install batteries and

Body-pack microphone T12 was shown in Fig.3. Take out the microphone from packing box, open the battery cover, insert two AA size alkaline batteries in right polarity marks, and close the battery cover.

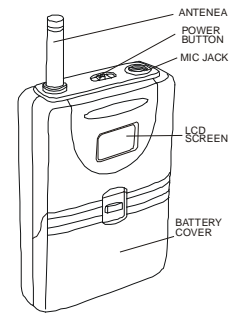


Fig.3 Body-pack microphone T12

3.2.2 Turn on or turn off the microphone

Press the power button to turn on or turn off the microphone. when turn on the microphone, the operation frequency or channel number and the power level will displays on the LCD screen, see Fig. 4. When turn off the microphone, the LCD screen will display "OFF" and then go out.

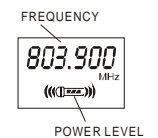


Fig.4 Screen of T12

3.2.3 Change Gain

If necessary, set the Gain knob shown in Fig.5 with the supplied screwdriver to get proper volume without feedback. The strong sound feedback may damage your audio equipment.

3.2.4 Change Channel

Press the UP button(▲) and keep for a moment, the "MHz" in the LCD screen will flash, then release the UP(▲) button, and press the UP button(▲) or the DOWN button(▼) again to change the operation frequency. Then press the power button (POWER) (●)once to finish change, so the "MHz" will stop flashing.

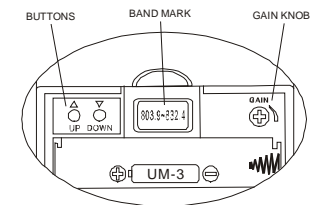


Fig.5 Battery room of T12

3.2.5 Change the display content

The LCD screen may display operation frequency or

channel number. To change the display content, press the DOWN button and keep for a moment, the “MHz” in the LCD screen will flash, then release the DOWN button, and press the UP button, the content will display alternately between the frequency and the channel number. Press the power button once to make sure and quit, and the “MHz” in the LCD screen will stop flashing.

3.3 Handhold microphone T14

3.3.1 Install batteries

Handhold microphone T14 was shown in Fig.6. Take out the microphone from packing box, screw off the battery cover, insert two AA size alkaline batteries in right polarity marks, and screw close the battery cover.

3.3.2 Turn on or turn off the microphone

Press the power button (●) to turn on or turn off the microphone. when turn on the microphone, the operation frequency or channel number and the power level will displays on the LCD screen, see Fig.7. And turn off the microphone, the LCD screen will display “OFF” and then go out.

3.3.3 Change Channel

Press the UP button (▲) and keep for a moment, the “MHz” in the LCD screen will flash, then release the UP button (▲), and press the UP button (▲) or the DOWN button (▼) again to change the operation frequency. Then press the power button (●) once to finish change, then the “MHz” will stop flashing.

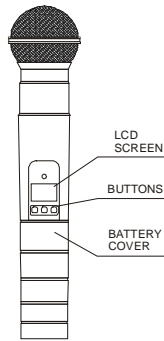


Fig.6 Handhold microphone T14

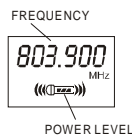


Fig.8 Screen of T14

3.3.4 Change the display content

The LCD screen may display operation frequency or channel number. To change the display content, press the DOWN button (▼) and keep for a moment, the “MHz” in the LCD screen will flash, then release the DOWN button (▼), and press the UP button (▲), the content will display alternately between the frequency and the channel number. Press the power button (●) to make sure and quit, and the “MHz” in the LCD screen will stop flashing.

3.3.5 Change the screen light mode

There are two light modes for microphone T14 with screen light: “ON” and “OFF”. In the “ON” mode, the screen light keep lighting when the microphone was turned on; in the “OFF” mode, the screen light keep lighting only when some button be pressed down. To change the screen light mode, press the DOWN button (▼) and keep for a moment, the “MHz” in the LCD screen will flash, then release the DOWN button (▼), press the DOWN button (▼) again, “LEd oN” or “LEdoFF” will be shown, press the UP button (▲), the display content will change between the “LEd oN” and “LEdoFF”. Press

the POWER button (●) to make sure and quit, and the “MHz” in the LCD screen will stop flashing.

3.4 Conference Microphone T16

3.4.1 Install batteries

Microphone T16 which consist of pedestal and gooseneck was shown in Fig.8. Take out the microphone from packing box, open the battery cover, insert two AA size alkaline batteries in right polarity marks, and close the battery cover. Take out the gooseneck microphone and RF antenna, and then mount them onto the pedestal.

3.4.2 Turn on or turn off the microphone

Press the power button to turn on the microphone, the red low-battery lamp flash once and then off, which means power is enough to work, and the working lamp light on, means the microphone is working.

3.4.3 Others

Microphone T16 is used for conference situations, to avoid the cacophony, please cover the windbreak sponge before using the microphone; the best picking up distance is 10~30cm. When working with model 8440 receiver, three sets of 8440 receivers and twelve pieces of this microphones can working together, to avoid jamming, the frequency of each T16 microphone is fixed, so users are not able to change the frequency. To avoid feedback, we advise you to shut the other non-using microphones and turn on it when speaking, turn off it when speak over.

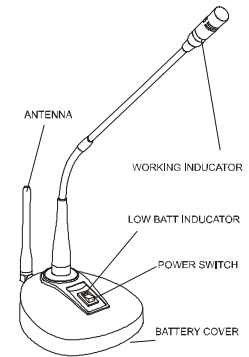


Fig.8 Conference microphone T16

4 Operations of receivers

4.1 True Diversity Receiver 8121

4.1.1 Install and Place receiver

True diversity receiver 8121 was shown in Fig.9. Take out the receiver and the receive antennae from packing box; revolve the two antennae to the two ANT sockets on the rear panel of the receiver. Place the receiver near the performance area (stage), Point the antennae upward. Make sure that the transmitter (microphone) will never get any closer to the receiver than 10 ft (3m); optimum separation is 16 ft (5m). There should always be a direct line of sight between the microphone and receiver. Place the receiver at least 5 ft (1.5m) away from any big metal objects, walls, scaffolding, ceilings, etc.

4.1.2 Switch on the power

Take out the power adapter, check if the AC voltage stated on the adapter matches the AC electronic socket in the wall, and then put the adapter into the socket, connecting the power output

cable to the socket on the rear panel of the receiver.

4.1.3 Connect signal cable

Connect UNBALANCED socket in receiver and MIC INPUT in the amplifier with the supplied unbalanced audio cable. The BALANCED socket specializes in connecting sound stage with the optional balanced audio cable. Do not use the Balanced and Unbalanced Sockets simultaneously! This may cause signal loss or increased noise.

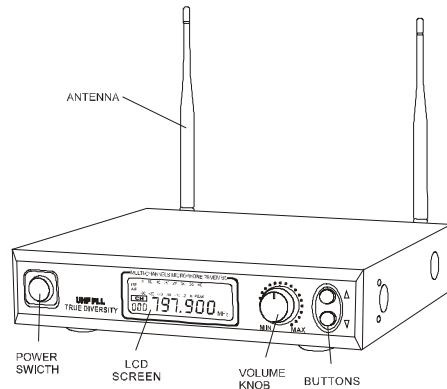


Fig.9 True diversity receiver 8121

4.1.4 Adjust the volume in advance

Adjust the volume of the receiver and amplifier to “MIN” and turn on the receiver, the LCD screen of the receiver will light on and display as fig.10. Make sure the frequency or the channel of the receiver are the same to the microphone.

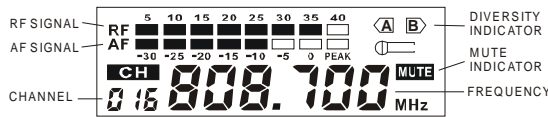


Fig.10 Screen of receiver 8121

Turn on the microphone, the “MUTE” will disappear, and the RF signal will be displayed. At the same time, the one of the diversity indicator “A” or “B” will be displayed, if the “A” appear means the inner receiver A get signal ,while the B works if the “B” appear. When you speak to the microphone, the AF signal will be displayed. Moving the microphone, one of the “A” and “B” will be selected automatically to appear according to the better signal, this means the diversity circuit is working to eliminating the blind area. So, this kind of model is fit for more complicated condition than common model.

4.1.5 Set the volume

Set the VOLUME to get proper volume without feedback.

4.1.6 Change the frequency

To change receive frequency, press the UP key (▲) or the DOWN key (▼), then the frequency and the channel will augment or abate synchronously.

4.2 True Diversity Receiver 8122

4.2.1 Install and Place receiver

True diversity receiver 8122 was shown in Fig.11. Take out the receiver and the receive antennas

from packing box; revolve the two antennae to the two ANT sockets on the rear panel of the receiver. Place the receiver near the performance area (stage). Point the antennae upward. Make sure, that the transmitter (microphone) will never get any closer to the receiver than 10 ft (3m), optimum separation is 16 ft (5m). There should always be a direct line of sight between the microphone and receiver. Place the receiver at least 5 ft (1.5m) away from any big metal objects, walls, scaffolding, ceilings, etc.

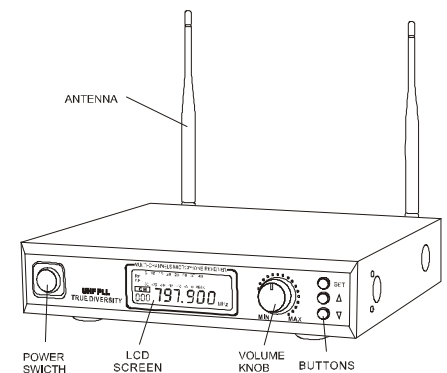


Fig.11 True diversity receiver 8122

4.2.2 Switch on the power

Take out the power adapter, check if the AC voltage stated on the adapter matches the AC electronic socket in the wall, and then put the adapter into the socket, connecting the power output cable to the socket on the rear panel of the receiver.

4.2.3 Connect the signal cable

Connect UNBALANCED socket in receiver and MIC INPUT in the amplifier with the supplied unbalanced audio cable. The BALANCED socket specializes in connecting sound stage with the optional balanced audio cable. Do not use the Balanced and Unbalanced Sockets simultaneously! This may cause signal loss or increased noise.

4.2.4 Adjust the volume in advance

Adjust the volume of the receiver and amplifier to “MIN” and turn on the receiver, the LCD screen of the receiver will light on and display as fig.12. Make sure the frequency or the channel of the receiver

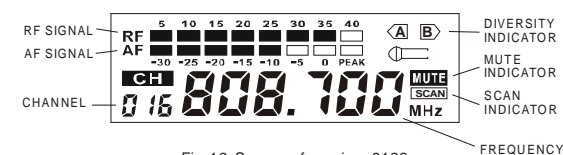


Fig.12 Screen of receiver 8122

are the same to the microphones. Turn on the microphone, the “MUTE” will disappear, and the RF signal will be displayed. At the same time, one of the diversity indicator “A” or “B” will be displayed, if the “A” appear means the inner receiver A get signal while the B works if the “B” appear. When you speak to the microphone, the AF signal will be displayed. Moving the microphone, the one of the “A” and “B” will be selected automatically to appear according to the better signal, this means the diversity circuit is working to eliminating the blind area. So, this kind of model can fit for more complicated condition than common model.

4.2.5 Set the volume

Set the VOLUME to get proper volume without feedback.

4.2.6 Change the frequency

If you need to change the receiver frequency, press the key "SET", then the "MHz" will flash, it means you can change the frequency now, to change receive frequency, press the UP key (▲) or the DOWN key (▼), then the frequency and the channel will augment or abate synchronously.

4.2.7 Locked and Unlocked

The buttons of true diversity receiver 8122 could be locked. To lock the buttons, press the UP key (▲) and keep for 5 seconds, the "LoC on" will appear in the LCD screen, and the buttons will be disabled, after this, if you press the buttons, the "LoC" will appear on the LCD screen, means the buttons was locked. To unlock the buttons, press the UP key (▲) and keep for 5 seconds, the "LoC off" will appear on the LCD screen, means the buttons was unlocked.

4.2.8 Automatically Scan

Receiver 8122 can scan the signal frequency of the microphone and store it automatically. Please do as following: first make sure the microphone was turned on, then press the DOWN key (▼) until "SCAN" appears in the screen, release the key, press UP key (▲) or DOWN key (▼) to scan signal upwards or downwards. When it scan the signal, it will stop scanning automatically and storage the date. You can also press "SET" key to stop scanning. Please pay attention: before scanning, make sure there is only one microphone on working, and there is no interferential signal around it, otherwise it will stop scanning by error signal.

4.2.9 Adjust squelch

We can adjust the squelch gate to get a different receiver distance on Receiver 8122, The way is: Press "SET" key and don't release it until it appears "Sql-90", Press UP key (▲), the data on the screen will enlarge to -85,-80 etc., it means the squelch gate are increased, accordingly, the receive distance shorten and the anti-jamming performance improving; Press DOWN key (▼), the data on the screen will diminish to -95 and etc., it means the squelch gate are declined, accordingly, the receive distance will enlarge and the anti-jamming performance reduce. After this, press "SET" key to confirm and exit.

4.3 Receiver 8440

4.3.1 Install and Place receiver

Receiver 8440 was shown in Fig.13. There are four receive units in the receiver. Take out the receiver and the receive antennae from packing box, revolve the four

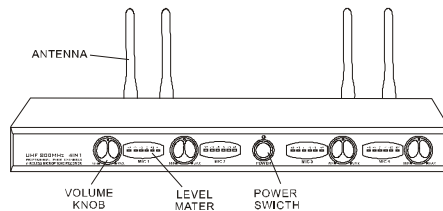


Fig.13 4-IN-1 receiver 8440

antennae to the four ANT sockets on the rear panel of the receiver, place the receiver near the performance area. Point the antennae upward. Make sure that the transmitter (microphone) will never get any closer to the receiver than 10 ft (3m), optimum separation is 16 ft (5m). There should always be a direct line of sight between the microphone and receiver. Place the receiver least 5 ft (1.5m) away from any big metal objects, walls, scaffolding, ceilings, etc.

4.3.2 Switch on the power

Check if the AC voltage stated on the rear panel of the receiver matches the AC electric socket in the wall before connecting the power cable in Receiver. Otherwise may cause irreparable damage to the unit.

4.3.3 Connect the signal cable

Connect MAXED OUTPUT in receiver and MIC INPUT in the amplifier with the supplied unbalanced audio cable. If necessary, you can use other audio cables, and connect 4 output sockets (MIC1-MIC4) to amplifier respectively.

4.3.4 Adjust volume

Adjust the volume of the receiver and amplifier to "MIN" and turn on the receiver, the power supply indicator will light on, and receiver can work now. Turn on the microphone and speak with it, the LED level meter will denoting the magnitude of the sound. Then adjust the volume of the receiver and the amplifier to get the best volume. Please pay attention: don't adjust the volume too big to avoid feedback, otherwise it may cause irreparable damage to your sound box.

5 Specifications

5.1 Specifications of microphones

Model	T11	T12	T14	T16
Freq Range	730~950MHz			
Freq number	96			1
Freq stability	± 10ppm			
Modulation	FM			
RF output	10~50mW			
Audio bandwidth	40~18000Hz			
T.H.D. at 1kHz	≤0.5%			
Power supply	2×1.5V			
Battery left	15 hours			

5.2 Specifications of receivers

Model	8121	8122	8440
Freq Range	730~950MHz		
Freq number	96	4	
Oscillation mode	PLL synthesized		
Freq stability	± 10ppm		
Receive mode	Super heterodyne		
Diversity type	True	None	
Input sensitivity	-90dBm	-95~-60dBm	-90dBm
Audio bandwidth	40~18000Hz		
T.H.D. at 1kHz	≤0.5%		
S/N ratio	≥110dB		
Audio output	Balanced XLR and unbalanced 1/4" jack socket		Mixed and Unmixed
Power supply	110V 60Hz or 220V 50Hz		

6 Hackneyed questions and solution

Phenomenon	Reason	Solution
Model T16 indicator not light on when turn on the power switch	Install batteries wrongly on the polarity	Inspect the polarity and install it again
	Out of power	Replace the batteries
	Battery interface rust	Clean or change the interface
Model T16 low battery indicator light on	Low in battery	Replace the batteries
Model T11,T12,T14 have no show on the screen	Install batteries wrongly on the polarity	Inspect the polarity and install it again
	Out of power	Replace the batteries
	Battery interface rust	Clean or change the batteries
Receiver did not electrify	The socket do not electrify	Check the socket
	The fuse of receiver attained	Check or replace the fuse
Receiver have no reception	Microphone do not turn on	Turn on the correct microphone
	The frequency not match	Adjust the frequency according to the operation manual
	Overstep the operation distance	Back to correct operation distance
Receiver have reception but no volume	The volume is too small	Adjust the volume of the receiver and amplifier
	Audio cable connect wrong or badness	Check it and connect the audio cable correctly
There is cacophony in the sound box	There is a same or similar system near it	Change the frequency, keep some distance from receiver to computer, using mobile telephone
There is screech from sound box	feedback	Reduce volume, microphone never face to the sound box, and keep some distance from microphone to sound box
The sound intermittence	Outside the operation distance	Back to correct operation distance
The operation distance too short	The condition is too complicated	Avoid the complicated condition, such as big metal objects, walls, scaffolding, etc

7 Frequency List

7.1 Band 735 Frequency List

Group A			Group B			Group C		
Channel (Dec)	Channel (Hex)	Freq. (MHz)	Channel (Dec)	Channel (Hex)	Freq. (MHz)	Channel (Dec)	Channel (Hex)	Freq. (MHz)
00	A0	735.80	16	B0	740.60	32	C0	745.40
01	A1	736.10	17	B1	740.90	33	C1	745.70
02	A2	736.40	18	B2	741.20	34	C2	746.00
03	A3	736.70	19	B3	741.50	35	C3	746.30
04	A4	737.00	20	B4	741.80	36	C4	746.60
05	A5	737.30	21	B5	742.10	37	C5	746.90
06	A6	737.60	22	B6	742.40	38	C6	747.20
07	A7	737.90	23	B7	742.70	39	C7	747.50
08	A8	738.20	24	B8	743.00	40	C8	747.80
09	A9	738.50	25	B9	743.30	41	C9	748.10
10	AA	738.80	26	BA	743.60	42	CA	748.40
11	AB	739.10	27	BB	743.90	43	CB	748.70
12	AC	739.40	28	BC	744.20	44	CC	749.00
13	AD	739.70	29	BD	744.50	45	CD	749.30
14	AE	740.00	30	BE	744.80	46	CE	749.60
15	AF	740.30	31	BF	745.10	47	CF	749.90
Group D								
Channel (Dec)	Channel (Hex)	Freq. (MHz)						
48	D0	750.20						
49	D1	750.50						
50	D2	750.80						
51	D3	751.10						
52	D4	751.40						
53	D5	751.70						
54	D6	752.00						
55	D7	752.30						
56	D8	752.60						
57	D9	752.90						
58	DA	753.20						
59	DB	753.50						
60	DC	753.80						
61	DD	754.10						
62	DE	754.40						
63	DF	754.70						

7.2 Band 793 Frequency List

Group A			Group B			Group C		
Channel (Dec)	Channel (Hex)	Freq. (MHz)	Channel (Dec)	Channel (Hex)	Freq. (MHz)	Channel (Dec)	Channel (Hex)	Freq. (MHz)
00	A0	793.10	16	B0	797.90	32	C0	802.70
01	A1	793.40	17	B1	798.20	33	C1	803.00
02	A2	793.70	18	B2	798.50	34	C2	803.30
03	A3	794.00	19	B3	798.80	35	C3	803.60
04	A4	794.30	20	B4	799.10	36	C4	803.90
05	A5	794.60	21	B5	799.40	37	C5	804.20
06	A6	794.90	22	B6	799.70	38	C6	804.50
07	A7	795.20	23	B7	800.00	39	C7	804.80
08	A8	795.50	24	B8	800.30	40	C8	805.10
09	A9	795.80	25	B9	800.60	41	C9	805.40
10	AA	796.10	26	BA	800.90	42	CA	805.70
11	AB	796.40	27	BB	801.20	43	CB	806.00
12	AC	796.70	28	BC	801.50	44	CC	806.30
13	AD	797.00	29	BD	801.80	45	CD	806.60
14	AE	797.30	30	BE	802.10	46	CE	806.90
15	AF	797.60	31	BF	802.40	47	CF	807.20

Group D			Group E			Group F		
Channel (Dec)	Channel (Hex)	Freq. (MHz)	Channel (Dec)	Channel (Hex)	Freq. (MHz)	Channel (Dec)	Channel (Hex)	Freq. (MHz)
48	D0	807.50	64	E0	812.30	80	F0	817.10
49	D1	807.80	65	E1	812.60	81	F1	817.40
50	D2	808.10	66	E2	812.90	82	F2	817.70
51	D3	808.40	67	E3	813.20	83	F3	818.00
52	D4	808.70	68	E4	813.50	84	F4	818.30
53	D5	809.00	69	E5	813.80	85	F5	818.60
54	D6	809.30	70	E6	814.10	86	F6	818.90
55	D7	809.60	71	E7	814.40	87	F7	819.20
56	D8	809.90	72	E8	814.70	88	F8	819.50
57	D9	810.20	73	E9	815.00	89	F9	819.80
58	DA	810.50	74	EA	815.30	90	FA	820.10
59	DB	810.80	75	EB	815.60	91	FB	820.40
60	DC	811.10	76	EC	815.90	92	FC	820.70
61	DD	811.40	77	ED	816.20	93	FD	821.00
62	DE	811.70	78	EE	816.50	94	FE	821.30
63	DF	812.00	79	EF	816.80	95	FF	821.60

Notice: The frequency of Microphone T16 and Receiver 8440 is fixed. The frequency for each MicrophoneT11, T12, T14 and each Receiver 8122, 8440 belong to a certain band. Do not use the microphone and receiver with different band. You can only change the frequency in the current band.

7.3 Band 803 Frequency List

Group A			Group B			Group C		
Channel (Dec)	Channel (Hex)	Freq. (MHz)	Channel (Dec)	Channel (Hex)	Freq. (MHz)	Channel (Dec)	Channel (Hex)	Freq. (MHz)
00	A0	803.90	16	B0	808.70	32	C0	813.50
01	A1	804.20	17	B1	809.00	33	C1	813.80
02	A2	804.50	18	B2	809.30	34	C2	814.10
03	A3	804.80	19	B3	809.60	35	C3	814.40
04	A4	805.10	20	B4	809.90	36	C4	814.70
05	A5	805.40	21	B5	810.20	37	C5	815.00
06	A6	805.70	22	B6	810.50	38	C6	815.30
07	A7	806.00	23	B7	810.80	39	C7	815.60
08	A8	806.30	24	B8	811.10	40	C8	815.90
09	A9	806.60	25	B9	811.40	41	C9	816.20
10	AA	806.90	26	BA	811.70	42	CA	816.50
11	AB	807.20	27	BB	812.00	43	CB	816.80
12	AC	807.50	28	BC	812.30	44	CC	817.10
13	AD	807.80	29	BD	812.60	45	CD	817.40
14	AE	808.10	30	BE	812.90	46	CE	817.70
15	AF	808.40	31	BF	813.20	47	CF	818.00

Group D			Group E			Group F		
Channel (Dec)	Channel (Hex)	Freq. (MHz)	Channel (Dec)	Channel (Hex)	Freq. (MHz)	Channel (Dec)	Channel (Hex)	Freq. (MHz)
48	D0	818.30	64	E0	823.10	80	F0	827.90
49	D1	818.60	65	E1	823.40	81	F1	828.20
50	D2	818.90	66	E2	823.70	82	F2	828.50
51	D3	819.20	67	E3	824.00	83	F3	828.80
52	D4	819.50	68	E4	824.30	84	F4	829.10
53	D5	819.80	69	E5	824.60	85	F5	829.40
54	D6	820.10	70	E6	824.90	86	F6	829.70
55	D7	820.40	71	E7	825.20	87	F7	830.00
56	D8	820.70	72	E8	825.50	88	F8	830.30
57	D9	821.00	73	E9	825.80	89	F9	830.60
58	DA	821.30	74	EA	826.10	90	FA	830.90
59	DB	821.60	75	EB	826.40	91	FB	831.20
60	DC	821.90	76	EC	826.70	92	FC	831.50
61	DD	822.20	77	ED	827.00	93	FD	831.80
62	DE	822.50	78	EE	827.30	94	FE	832.10
63	DF	822.80	79	EF	827.60	95	FF	832.40

Notice: The frequency of Microphone T16 and Receiver 8440 is fixed. The frequency for each MicrophoneT11, T12, T14 and each Receiver 8122, 8440 belong to a certain band. Do not use the microphone and receiver with different band. You can only change the frequency in the current band.

7.4 Band 840 Frequency List

Group A			Group B			Group C		
Channel (Dec)	Channel (Hex)	Freq. (MHz)	Channel (Dec)	Channel (Hex)	Freq. (MHz)	Channel (Dec)	Channel (Hex)	Freq. (MHz)
00	A0	840.10	16	B0	844.90	32	C0	849.70
01	A1	840.40	17	B1	845.20	33	C1	850.00
02	A2	840.70	18	B2	845.50	34	C2	850.30
03	A3	841.00	19	B3	845.80	35	C3	850.60
04	A4	841.30	20	B4	846.10	36	C4	850.90
05	A5	841.60	21	B5	846.40	37	C5	851.20
06	A6	841.90	22	B6	846.70	38	C6	851.50
07	A7	842.20	23	B7	847.00	39	C7	851.80
08	A8	842.50	24	B8	847.30	40	C8	852.10
09	A9	842.80	25	B9	847.60	41	C9	852.40
10	AA	843.10	26	BA	847.90	42	CA	852.70
11	AB	843.40	27	BB	848.20	43	CB	853.00
12	AC	843.70	28	BC	848.50	44	CC	853.30
13	AD	844.00	29	BD	848.80	45	CD	853.60
14	AE	844.30	30	BE	849.10	46	CE	853.90
15	AF	844.60	31	BF	849.40	47	CF	854.20

Group D			Group E			Group F		
Channel (Dec)	Channel (Hex)	Freq. (MHz)	Channel (Dec)	Channel (Hex)	Freq. (MHz)	Channel (Dec)	Channel (Hex)	Freq. (MHz)
48	D0	854.50	64	E0	859.30	80	F0	864.10
49	D1	854.80	65	E1	859.60	81	F1	864.40
50	D2	855.10	66	E2	859.90	82	F2	864.70
51	D3	855.40	67	E3	860.20	83	F3	865.00
52	D4	855.70	68	E4	860.50	84	F4	865.30
53	D5	856.00	69	E5	860.80	85	F5	865.60
54	D6	856.30	70	E6	861.10	86	F6	865.90
55	D7	856.60	71	E7	861.40	87	F7	866.20
56	D8	856.90	72	E8	861.70	88	F8	866.50
57	D9	857.20	73	E9	862.00	89	F9	866.80
58	DA	857.50	74	EA	862.30	90	FA	867.10
59	DB	857.80	75	EB	862.60	91	FB	867.40
60	DC	858.10	76	EC	862.90	92	FC	867.70
61	DD	858.40	77	ED	863.20	93	FD	868.00
62	DE	858.70	78	EE	863.50	94	FE	868.30
63	DF	859.00	79	EF	863.80	95	FF	868.60

Notice: The frequency of Microphone T16 and Receiver 8440 is fixed. The frequency for each Microphone T11, T12, T14 and each Receiver 8122, 8440 belong to a certain band. Do not use the microphone and receiver with different band. You can only change the frequency in the current band.

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