

DIGITAL KARAOKE MIXER

OPERATORS MANUAL

DIGITAL KARAOKE MIXER



PLEASE PRINT CLEARLY

SRA #: _____ (If sending product to Crown factory service.) Model: _____ Serial Number: _____ Purchase Date: _____

PRODUCT RETURN INFORMATION

Individual or Business Name: _____

Phone #: _____ Fax #: _____ E-Mail: _____

Street Address (please, no P.O. Boxes): _____

City: _____ State/Prov: _____ Postal Code: _____ Country: _____

Nature of problem: _____

Other equipment in your system: _____





Specification

Center

Input Level	775. 0mVrms
(Frequency response)	20Hz--20KHz

Subwoofer

Input Level	775. 0mVrms
(Frequency response)	20Hz--1KHz

USB Port

Power Supply	AC200V---240V/50Hz
Fuse	T1A/250VAC
Power Consumption	10W

Trouble Removal

Troubles	Possible Cause	Trouble Removal
Power off	Power plug off	Insert the plug firmly
switch on, but no sound	Music volume in minimum value	Adjust the music volume up
	Wrong audio source selection	Select the correct audio source
	Audio cables off	Connect the cable well
No output from the Mic, but music run well	Mic cable broken	Repair or change a new one
	Mic cable off	Connect the Mic cable well
	The front knob in minimum value	Adjust the knob volume up
	Mic master volume in minimum value	Adjust the Mic volume up
No video	Not connect the video output well	connect TV video in with video out
No Reverb	Effect Volume in minimum value	Adjust the effect volume
one of the channels without output	Singal cable not inserted well	re-inserted
	One of speaker cables off	connect the cable well
Remote control not working	Remote control not contain battery or power shortage	check the battery and change a new one



Important Safety Instructions

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with a dry cloth.
- 7) Do not block any ventilation openings. Install in accordance with the manufacturers instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10) Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11) Only use attachments/accessories specified by the manufacturer.
- 12) Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- 13) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- 15) Use the mains plug to disconnect the apparatus from the mains.
- 16) **WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE.**
- 17) **DO NOT EXPOSE THIS EQUIPMENT TO DRIPPING OR SPLASHING AND ENSURE THAT NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, ARE PLACED ON THE EQUIPMENT.**
- 18) **THE MAINS PLUG OF THE POWER SUPPLY CORD SHALL REMAIN READILY OPERABLE.**



Store

operation steps:

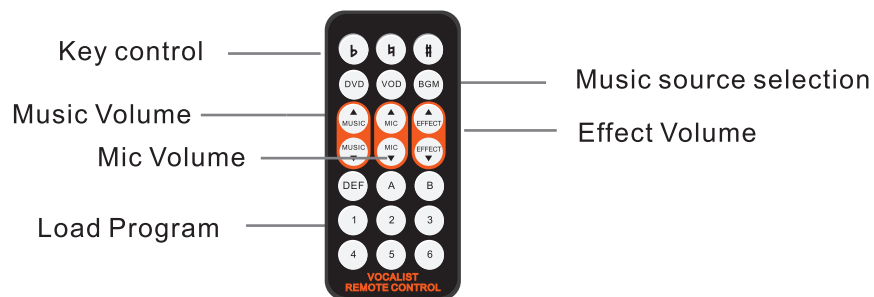
Under the Store Menu, adjust the knob to select START UP, 1, 2, 3, 4, 5, 6, KARAOKE, or DISCO. When you make the choice, Click ENTER button and finish the program stored.

START UP means it will be loaded automatically when switching on.

1, 2, 3, 4, 5, 6 Effect program store. They only store the effect and EQ, but not store the Mic Volume, Mic Volume, Music Input or Max Volume Limit.

KARAOKE DISCO store the whole program.

Remote Control Introduction



Specification

(MUSIC)	
(SNR)	>97dB
(THD)	0.01%
(LEVEL)	775mVrms
(Frequency response)	20Hz--20KHz
(PEQ)	1-7 band
(MIC)	
(SNR)	>80dB
(THD)	0.1%
(LEVEL)	50.00mVrms
(Frequency response)	20Hz--20KHz
(PEQ)	2X1-15 band



Mic Menu

Press down Mic Button, indicator lighting. Press PREV or NEXT, appear in order.

MIC VOL	MIC volume
FB.EX	Feedback canceller
MIC HPF	Mic high pass filter
MIC EQ	MIC123 mean Mic channel 1,2,3 are same EQ setting MIC13 mean next EQ setting only for Mic channel 1,3 MIC2 mean next EQ setting only for Mic channel 2.
MIC EQ (1-15)	Press UP or DOWN to switch the frequency, Bandwidth or Gain.
MIC LIM	Press UP or DOWN to switch the cursor position
MIC EX	Make Mic sound warmer
MIC MAX	Max mic volume

Re-press Mic Button, indicator off, exit the mic menu

Effect Menu

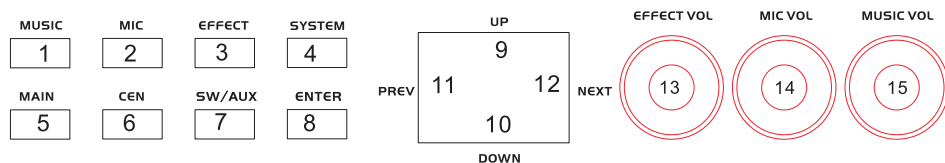
Press down effect Button, indicator lighting. Press PREV or NEXT, appear in order.

EFFECT VOL	Effect volume
ECHO DELAY	Echo delay
ECHO REPEAT	Echo repeat
ECHO	Echo level
ECHO PRE DELAY	Echo per delay
ECHO DELAY L/R	Echo delay L-R
ECHO PRE DELAY L/R	Echo per delay L-R
ECHO HPF	Echo high pass filter
ECHO LPF	Echo low pass filter
EQ ECHO EQ (1-3)	Echo EQ
REV TIME	Reverb time
REV LEVEL	Reverb level
REV PRE DELAY	Reverb per delay
REV HPF	Reverb high pass filter
REV LPF	Reverb low pass filter
REV EQ (1-3)	Reverb EQ

Re-press effect Button, indicator off, exit the effect menu



Front Panel Introduction



1. Music button
2. Mic button
3. Effect button , including Echo and Reverb
4. System button
5. Main Output button
6. Central Output button
7. Subwoofer Output & surround output button
8. Enter button
9. Up button , switch previous setting under the same menu
10. Down button , switch next setting under the same menu
11. Previous button , switch previous menu
12. Next button , switch next menu
13. Effect Volume knob
14. Mic Volume knob
15. Music Volume knob

If the indicator lightings red for buttons from 1 to 7, it means to edit mode. And you can rotate the right 3 big knobs to adjust the data. Then click the indicator lighting again to be not red to exit edit mode.

Introductions to all the menu

Music Menu

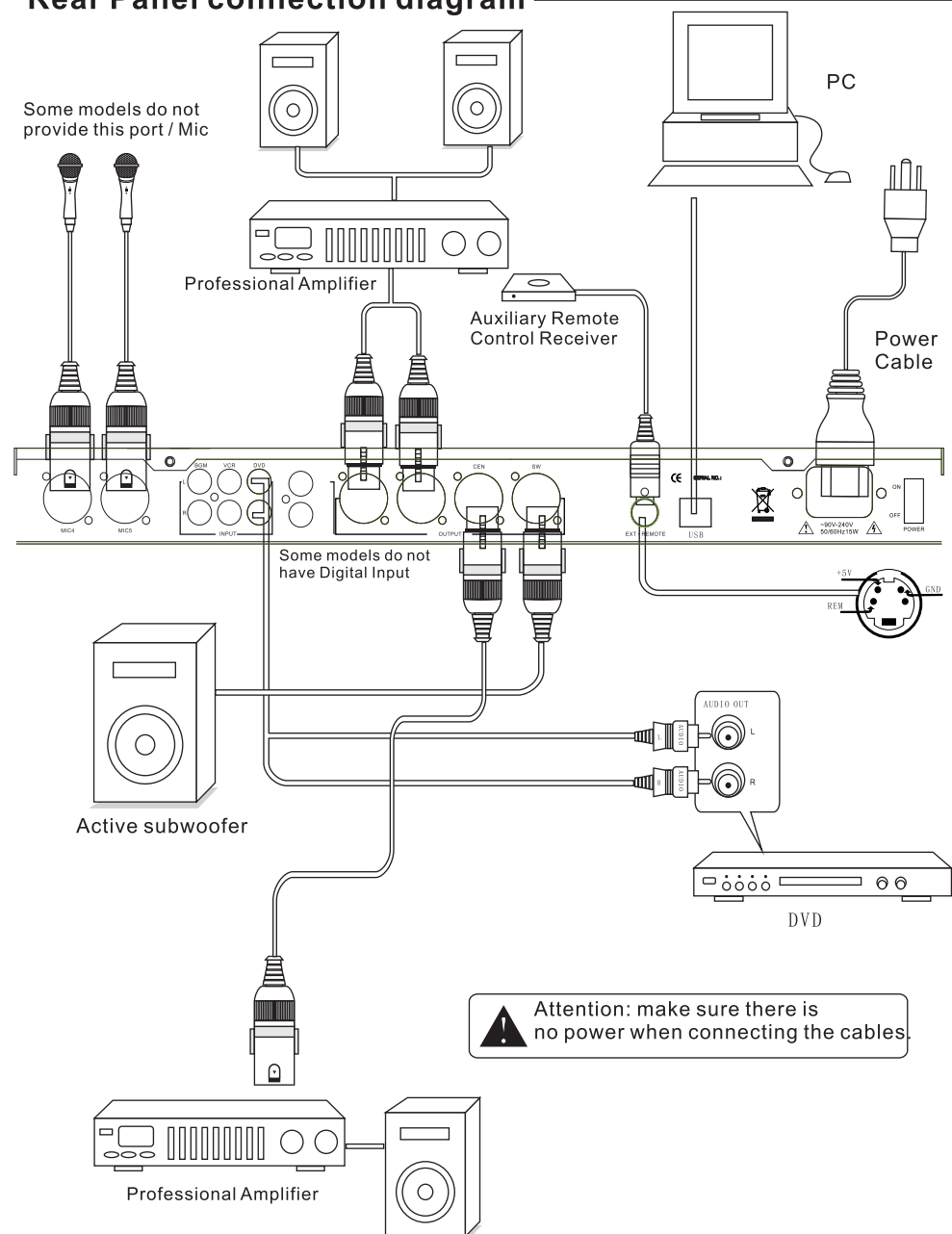
Press down Music Button, indicator lighting. Press PREV or NEXT , appear in order.

MUSIC VOL	Music volume
MUSIC INPUT	Music audio input selection
MUSIC EQ (1-7)	Press UP or DOWN to switch the frequency, Bandwidth or Gain .
MUSIC MAX	Music volume in max limit

Re-press Music Button , indicator off, exit the music menu



Rear Panel connection diagram





Main Output Menu

Press down Main Button, indicator lighting. Press PREV or NEXT , appear in order.

Music & Mic	Music and Mic mix ratio, press UP or DOWN to switch ratio, phase
Echo & Rev	Echo and Rev mix ratio, press UP or DOWN to switch ratio, phase
L/R DELAY	L & R Channel delay
L&R HPF	High pass filter
L&R EQ (1-5)	Press UP or DOWN to switch the frequency, Bandwidth or Gain .
L&R LIM	L and R limiter Press UP or DOWN to switch the cursor position

Re-press Main Button , indicator off, exit the Main output menu

Center Output Menu

Press down Cen Button, indicator lighting. Press PREV or NEXT , appear in order.

Music & Mic	Music and Mic mix ratio, press UP or DOWN to switch ratio, phase
Echo & Rev	Echo and Rev mix ratio, press UP or DOWN to switch ratio, phase
Cen DELAY	Center Channel delay
Cen HPF	High pass filter
Cen LPF	Low pass filter
Cen EQ (1-3)	Press UP or DOWN to switch the frequency, Bandwidth or Gain .
Cen LIM	Center channel limiter Press UP or DOWN to switch the cursor position

Re-press Cen Button , indicator off, exit the Central output menu

Subwoofer Output Menu

Press down Sub Button, indicator lighting. Press PREV or NEXT , appear in order.



Music & Mic	Music and Mic mix ratio, press UP or DOWN to switch ratio, phase
SW DELAY	Sub Channel delay
SW HPF	High pass filter
SW LPF	Low pass filter
SW EQ (1-3)	Press UP or DOWN to switch the frequency, Bandwidth or Gain .
SW LIM	Sub channel limiter Press UP or DOWN to switch the cursor position

Surround Output Menu

Music & Mic	Music and Mic mix ratio, press UP or DOWN to switch ratio, phase
Echo & Rev	Echo and Rev mix ratio, press UP or DOWN to switch ratio, phase
AUX DELAY	Surround Channel delay
AUX HPF	High pass filter
AUX EQ (1-3)	Press UP or DOWN to switch the frequency, Bandwidth or Gain .
AUX LIM	Surround channel limiter Press UP or DOWN to switch the cursor position

System Menu

Lock	Input the correct password to lock all the buttons. The volume can be controlled indepently.
Recall	Load setting
Store	Store setting
Change PW	Change lock password
Noise Gate	Mic noise gate control time. if mic no sound, it will be mute in some time.

Recall

operation steps:

Under the Recall Menu, adjust the knob to select START UP, 1, 2, 3, 4, 5, 6, KARAOKE, or DISCO. Select one, Click ENTER button to finish the program recall

START UP means it will be loaded automatically when switching on.
1, 2, 3, 4, 5, 6 Effect program store. They only store the effect and EQ, but not store the Mic Volume, Mic Volume, Music Input or Max Volume Limit.

KARAOKE DISCO store the whole program.