Function

Press [FUNCTION] button to enter the menu of function. The default option of the menu is Performance. Press [FUNCTION] button repeatedly to select the option to be set. Turn the dial or use [+] and [-] button to set the parameter. The option and the parameters are as the follows:

Function type		LCD display	Range	Default
Performance?	Master Tune	Master Tune?	-64~63	0
	Split Point	Split Point?	0~87	34
	Chord Point	Chord Point?	0~87	34
	Metro. Type	Metro. Type?	1/4, 2/4, 3/4, 4/4, 5/4,6/4, 3/8, 6/8, 7/8, 9/8,12/8	4/4
Mixer?	Main Pan	Main Pan?	-64~63	0
	Split Pan	Split Pan?	-64~63	0
	Dual Pan	Dual Pan?	-64~63	0
	Metro Volume	Metro Volume?	0~127	100
	Song Volume	Song Volume?	0~127	127

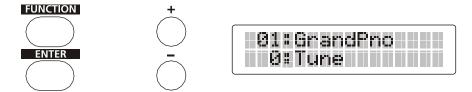
Function type		LCD display	Range	Default
Effect?	Main RevVol	Main RevVol?	0~127	32
	Split RevVol	Split RevVol?	0~127	32
	Dual RevVol	Dual RevVol?	0~127	32
	Main ChrVol	Main ChrVol?	0~127	110
	Split ChrVol	Split ChrVol?	0~127	110
	Dual ChrVol	Dual ChrVol?	0~127	110
Midi Setting?	All Local	All Local?	On/Off	On
	USB MIDI In	USB MIDI In?	On/Off	On
	MIDI Out	MIDI Out?	1~16, Off (Not include 10)	1
	USB Play Mode	USB Play Mode?	1Single, 2Play All Songs, 3Random	1Single
	USB Play Speed	USB Play Speed?	50~200	100
	USB Play Volume	USB Play Vol?	0~127	127
	USB Mute Track	USB Mute Track	01~16	01
	Auto RecTrack	Auto RecTrack?	On/Off	On
	Main RecTrack	Main RecTrack?	1	
	Split RecTrack	Split RecTrack?	2	
	Dual RecTrack	Dual RecTrack?	3	

Function type		LCD display	Range	Default
Other Setting?	Song Grading	Song Grading?	On/Off	On
	Bluetooth	Bluetooth?	On/Off	Off
	Reset	Reset?	Resetmem!	
	Auto Power Off	Auto Power Off?	20~60 min, Off	30 min

Master Tune

This function makes it possible to tune the pitch of your instrument to match other instruments. The tune range is from -64 (down one semitone) through 0 (normal pitch) to 63 (up one semitone).

Press [FUNCTION] button repeatedly to select "Performance?". Press [ENTER] button to confirm, use [+] and[-] button to select "Master Tune?", Press [ENTER] button to confirm, use [+] and [-] button to set the master tune value.



Split Point

Press [FUNCTION] button repeatedly to select "Performance?". Press [ENTER] button to confirm, use [+] and[-] button to select "Split Point?", Press [ENTER] button to confirm, use [+] and [-] button to set the split point value.



Chord Point

Press [FUNCTION] button repeatedly to select "Performance?". Press [ENTER] button to confirm, use [+] and[-] button to select "Chord Point?", Press [ENTER] button to confirm, use [+] and [-] button to set the chord point value.



Metro Type

Metronome is a convenient feature for practice, and it can also provide a solid rhythmic guide when recording.

Press [FUNCTION] button repeatedly to select "Performance?". Press [ENTER] button to confirm, use [+] and [-] button to select "Metro Type?", Press [ENTER] button to confirm, use [+] and [-] button to select your desired time signature.

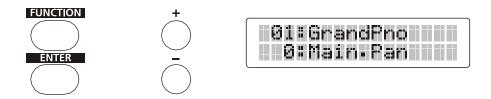
Time signature: 1/4, 2/4, 3/4, 4/4, 5/4,6/4, 3/8, 6/8, 7/8,9/8, 12/8. (Default: 4/4)



Main Pan

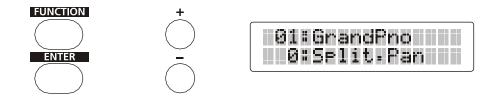
In this function you can set the stereo position of each orchestration part to create a board stereo image of your sound.

Press [FUNCTION] button repeatedly to select "Mixer?". Press [ENTER] button to confirm, use [+] and [-] button to select "Main Pan?", Press [ENTER] button to confirm, use [+] and [-] button to set main pan value.



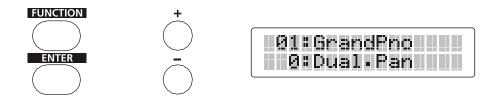
Split Pan

Press [FUNCTION] button repeatedly to select "Mixer?". Press [ENTER] button to confirm, use [+] and [-] button to select "Split Pan?", Press [ENTER] button to confirm, use [+] and [-] button to set split pan value.



Dual Pan

Press [FUNCTION] button repeatedly to select "Mixer?". Press [ENTER] button to confirm, use [+] and [-] button to select "Dual Pan?", Press [ENTER] button to confirm, use [+] and [-] button to set dual pan value.



Metro Volume

Press [FUNCTION] button repeatedly to select "Mixer?". Press [ENTER] button to confirm, use [+] and [-] button to select "Metro Volume?", Press [ENTER] button to confirm, use [+] and [-] button to set metro volume value.



Song Volume

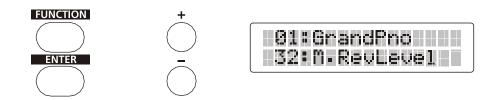
Press [FUNCTION] button repeatedly to select "Mixer?". Press [ENTER] button to confirm, use [+] and [-] button to select "Song Volume?", Press [ENTER] button to confirm, use [+] and [-] button to set song volume value.



Main Reverb Level

In this function you can adjust the main reverb level for the selected voice.

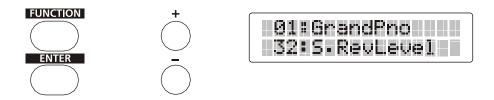
Press [FUNCTION] button repeatedly to select "Effect?". Press [ENTER] button to confirm, use [+] and [-] button to select "Main RevVol?", Press [ENTER] button to confirm, use [+] and [-] button to set main reverb level.



Split Reverb Level

In this function you can adjust the split reverb level for the selected voice.

Press [FUNCTION] button repeatedly to select "Effect?". Press [ENTER] button to confirm, use [+] and [-] button to select "Split RevVol?", Press [ENTER] button to confirm, use [+] and [-] button to set main reverb level.



Dual Reverb Level

In this function you can adjust the dual reverb level for the selected voice.

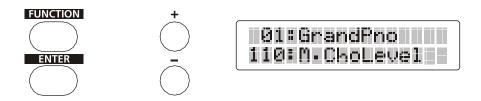
Press [FUNCTION] button repeatedly to select "Effect?". Press [ENTER] button to confirm, use [+] and [-] button to select "Dual RevVol?", Press [ENTER] button to confirm, use [+] and [-] button to set main reverb level.



Main Chorus Level

In this function you can adjust the main chorus level for the selected voice.

Press [FUNCTION] button repeatedly to select "Effect?". Press [ENTER] button to confirm, use [+] and [-] button to select "Main ChoVol?", Press [ENTER] button to confirm, use [+] and [-] button to set main chorus level.



Split Chorus Level

In this function you can adjust the split chorus level for the selected voice.

Press [FUNCTION] button repeatedly to select "Effect?". Press [ENTER] button to confirm, use [+] and [-] button to select "Split ChoVol?", Press [ENTER] button to confirm, use [+] and [-] button to set split chorus level.



Dual Chorus Level

In this function you can adjust the dual chorus level for the selected voice.

Press [FUNCTION] button repeatedly to select "Effect?". Press [ENTER] button to confirm, use [+] and [-] button to select "Dual ChoVol?", Press [ENTER] button to confirm, use [+] and [-] button to set dual chorus level.



All Local

In this function you can turn on or turn off the speaker system of your keyboard.

Press [FUNCTION] button repeatedly to select "Midi Setting?".

Press [ENTER] button to confirm, use [+] and [-] button to select
"All Local?", Press [ENTER] button to confirm, use [+] and [-]
button to select On or Off.



On----- Normal operation. Keyboard and controllers are sent to the sound engine

Off----- There will be no sound produced by the brain's tone generator. MIDI function can work as usual.

USB MIDI In

This function allow you to select the MIDI reception track and turn on or off the MIDI function. The default is On.

Press [FUNCTION] button repeatedly to select "Midi Setting?". Press [ENTER] button to confirm, use [+] and [-] button to select "USB MIDI In?", Press [ENTER] button to confirm, use [+] and [-] button to turn On or turn Off this track.

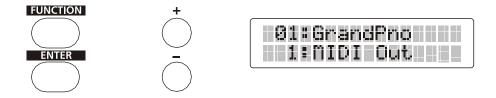


MIDI Out

This function allow you to select the MIDI transmission track from 01-16 or to turn the MIDI transmission function off, the default track is channel 1 (Not include 10).

Press [FUNCTION] button repeatedly to select "Midi Setting?".

Press [ENTER] button to confirm, use [+] and [-] button to select
"MIDI Out?", Press [ENTER] button to confirm, use [+] and [-]
button to select midi out track or turn Off this track.



USB Play Mode

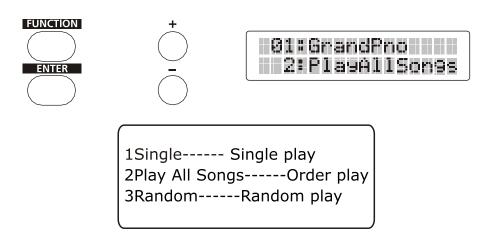
Midi file playing mode in the USB Flash Drive can be set here. Three playing method can be selected.

In this page, you can select the setting for the song. It is possible in fact to play the songs listed in the USB disk.

Press [FUNCTION] button repeatedly to select "usb Setting?".

Press [ENTER] button to confirm, use [+] and [-] button to select

"USB Play Mode?", Press [ENTER] button to confirm, use [+] and [-]
button to select USB play mode: 1Single, 2Play All Songs, 3Random.



USB Play Speed

This function allows you to select the play back speed for USB on the piano.

Press [FUNCTION] button repeatedly to select "usb Setting?". Press [ENTER] button to confirm, use [+] and [-] button to select "USB Play Speed?", Press [ENTER] button to confirm, use [+] and [-] button to select USB play speed value.



USB Play Volume

This function allows you to adjust the USB play back volume of the piano.

Press [FUNCTION] button repeatedly to select "usb Setting?". Press [ENTER] button to confirm, use [+] and [-] button to select "USB PlayVol?", Press [ENTER] button to confirm, use [+] and [-] button to select USB play volume value.



USB Mute Track

This function allows you to mute a track on the USB play back of the piano. You can mute any track from 01-16 by selecting it in this function menu. The default is all tracks number

Press [FUNCTION] button repeatedly to select "usb Setting?".

Press [ENTER] button to confirm, use [+] and [-] button to select

"USB Mute Track?", Press [ENTER] button to confirm, use [+] and [-]

button to select "Mute Track01"~"Mute Track16". Press [ENTER]

button to confirm, use [+] and [-] button to set Yes or No for the track to mute.



Auto RecTrack

Here you can turn on or turn off AUTO TRACK function for recording mode. And the setting will be saved automatically when the power is off.

Press [FUNCTION] button repeatedly to select "usb Setting?".

Press [ENTER] button to confirm, use [+] and [-] button to select

"Auto RecTrack?", press [ENTER] button to confirm, use [+] and

[-] button to select On or Off.



OnAutoTrk----- when you want to record more tracks data, select AutoTrkOn, the instrument brain will assign the next track for you automatically.

OffAutoTrk----- When you want to select tracks by yourself, here you have to select Off AutoTrk function first, then press [FUNCTION] button on the panel to select the track you want.

Main RecTrack

This function allows you to select main voice track on the USB record of the piano.

Press [FUNCTION] button repeatedly to select "usb Setting?".

Press [ENTER] button to confirm, use [+] and [-] button to select
"Main RecTrack?", press [ENTER] button to confirm.



Split RecTrack

This function allows you to select split voice track on the USB record of the piano.

Press [FUNCTION] button repeatedly to select "usb Setting?". Press [ENTER] button to confirm, use [+] and [-] button to select "Split RecTrack?", press [ENTER] button to confirm.



Dual RecTrack

This function allows you to select dual voice track on the USB record of the piano.

Press [FUNCTION] button repeatedly to select "usb Setting?".

Press [ENTER] button to confirm, use [+] and [-] button to select
"Dual RecTrack?", press [ENTER] button to confirm.



Song Grading

This function is in the song learning mode, when playing songs, it will automatically score based on your performance: $01\sim100$.

Press [FUNCTION] button repeatedly to select "Other Setting?".

Press [ENTER] button to confirm, use [+] and [-] button to select
"Song Grading?", press [ENTER] button to confirm, use [+] and [-]
button to select On or Off.



On----- Turn on the song grading function.
Off----- Turn off the song grading function.

Bluetooth

Plug the tiny Bluetooth receiver into the allotted slot on the connector panel to stream audio from Bluetooth devices onto your piano.

This function allows you to turn Bluetooth on or off while the receiver is engaged, the default setting is Bluetooth off.

Press [FUNCTION] button repeatedly to select "Other Setting?". Press [ENTER] button to confirm, use [+] and [-] button to select "Bluetooth?", press [ENTER] button to confirm, use [+] and [-] button to select On or Off.



On----- Turn on the Bluetooth function.
Off----- Turn off the Bluetooth function.

Reset

You can Reset your piano to the initial factory settings. Please be aware that this will erase all saved data from the User buttons and the Registration memory banks.

Press [FUNCTION] button repeatedly to select "Other Setting?". Press [ENTER] button to confirm, use [+] and [-] button to select "Reset?", press [ENTER] button to confirm.



Auto Power Off

This piano will automatically power off after a preset time of inactivity. Set the length of standby time before a power down in this function menu.

Press [FUNCTION] button repeatedly to select "Other Setting?". Press [ENTER] button to confirm, use [+] and [-] button to select "Auto Power Off?", press [ENTER] button to confirm, use [+] and [-] button to select auto power off time: 20min~60min or Off.



Registration Memory

Your piano can store 5 groups and 4 banks of panel settings. By pressing the corresponding memory button, you can recall these settings rapidly. You can preset the panel settings to match your performance and save them to the registration memory positions.

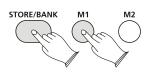
Store

Press the [STORE/BANK] button repeatedly to select (1MmryBank~4MmryBank)





Hold the [STORE/BANK] button, then press the [M1-M5] button. The current panel settings will be stored in the memory.









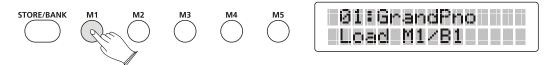
Load

Press the [STORE/BANK] button repeatedly to select (1MmryBank~4MmryBank)





Press the [M1-M5] buttons to recall the data you have stored. The LCD will show the panel settings as well as memory position number.



NOTE -

Anytime you store to a REGISTRATION MEMORY button, all settings previously stored in that button will be erased and replaced by the new settings.

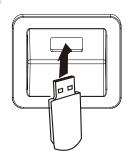
Freeze Function

Press the [FREEZE] button to turn on or off the freeze function. When the freeze function is on, the memory settings can be recalled except the accompaniment settings. You can use the registration memory function but not affect the accompaniment.



Saving Registration Data to USB Disk

Insert the USB Disk into the USB terminal.



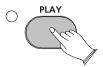
Press the [SAVE TO] button repeatedly to select "Save REG To USB?", then press [+] button, display shows SAVE OK!

A message "xx: REG__xxx" ("xx" indicates this file's sequence Number In Udisk. "REG__xxx" indicates registration file number) appears, indicating your Registration Memory Settings are saved to USB Disk, with 20 Registrations stored to a single file.



Read Registration Data to USB Disk

Insert the USB Disk into the USB terminal. Use [+] and [-] button to select REG file, then press [PLAY] button, display shows "Load Ok!".

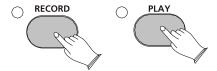




20 Registrations will be loaded to the memory store (4*5) on the panel. You can recall the information you have loaded by pressing M1-M5.

Delete REG File from USB

Insert the USB Disk into the USB terminal. Use [+] and [-] button to select REG file you want to delete, then hold down the [RECORD] button and press [PLAY] button. LCD shows:





Press [+] button to delete the file. Press [-] button to cancel the file.

Recording

This digital piano lets you record your performances and Registration settings to a USB Disk. Each user song lets you record up to sixteen independent tracks. These include not only the voices for the keyboard performance, but also the auto accompaniment parts.

It provides two different ways to record: USB Recording and Melody Track Recording. Melody Track Recording, which can save into local memory. Two Tracks recording can be save into USB disk as a MIDI File and the MIDI file in the USB disk can be load to local memory.

Quick Recording

1.1. Insert the USB Disk into the USB Terminal

1.2. Start Recording

Press the [RECORD] button and the button indicator is flashing, then you can start recording. (The first one measures are tempo prompt only. It cannot record any data).



1.3. Stop Recording

Press [RECORD] button again to stop recording. Recording stops and your performance is written to the song. The song to which your performance is recorded is automatically named xxSONGxx (xx indicates this file's sequence Number in Udisk. SONGxx indicates the recording file number). You can edit the song as desired by computer or midi edit soft.

Quick Recording automatically makes track assignments as below:

Track 1----- Main Voice

Track 2----- Split Voice

Track 3----- Dual Voice

Multi Track Recording

Multi track recording provides two ways to record:

- 1. Use Auto Track Assignment.
- 2. Select Tracks by yourself.

1. Use Auto Track Assignment

- 1.1 Insert the USB disk into the USB terminal
- 1.2 Turn the Auto Track On **Reference:** Function Auto Track (P.40).
- 1.3 Press the [RECORD] button to start recording. (The first one measures are tempo prompt only. It cannot record any data).
- 1.4 Press [RECORD] button again to stop recording. Recording stops and your performance is written to the song. The song to which your performance is recorded is automatically named xxSONG xx (xx indicates the song file number. SONGxx is the song's name).





- 1.5 Hold down [USB MEMORY] button, then press [RECORD] button to Recording.
- 1.6 Use the same operation as step 5 to record more tracks. The name of the new file will be saved in sequence.

2. Select Tracks by yourself.

- 2.1 Insert the USB disk Into the USB terminal.
- 2.2 Turn the Auto Track Off **Reference:** Function Auto Track(P.40).
- 2.3 Press the [RECORD] button to start recording. (The first one measures are tempo prompt only. It cannot record any data).
- 2.4 Press [RECORD] button again to stop recording. Recording stops and your performance is written to the song. The song to which your performance is recorded is automatically named "xxSONG xx" ("xx" indicates the song file number. "SONGxx" is the song's name).
- 2.5 Select Recording Track **Reference:** "Main Rec Track", "Split Rec Track", "Dual Rec Track"

 (P.40~P.41).

If you record Main Voice only, please turn off the Split Track and Dual Track.

2.6 Hold down the [USB MEMORY] button, then press [RECORD] button, when the recording is finished, the recording file will be saved as a new file named "01:SONG01-1".







2.7 Use the same operation as Step 5 and Step 6 to record more tracks. The name of the new file will be saved in sequence.

Melody Track Recording

3.1 Melody Track1 Recording

Hold down the [RECORD] button, and then press the [TRACK1/LEFT] button, the [TRACK1/LEFT] and the [RECORD] indicator flashes to indicate ready to record. You can start recording simply by playing the key board.

Press the [RECORD] button again to stop recording and the data will save to local memory track 1.

NOTE -

If the TRACK 2 has data recorded, the indicator will light and it will play when the record is started. You can press the [TRACK 2/RIGHT] button to mute it, then the indicator will be unlighted.

The TRACK 1 can only record the melody, if you want to record the rhythm, please record in the TRACK 2.

3.2 Melody Track2 Recording

Hold down the [RECORD] button, and then press the [TRACK2/RIGHT] button, the [TRACK2/RIGHT] and the [RECORD] indicator flashes to indicate ready to record. You can start recording simply by playing the key board.

Press the [RECORD] button again to stop recording and the data will save to local memory track 2.

NOTE -

If the TRACK 1 has data recorded, the indicator will light and it will play when the record is started. You can press the [TRACK 1/LEFT] button to mute it, then the indicator will be unlighted.

3.3 Play the Local Track Recording

Press the [PLAY] to play the local recording. During song playback you can select which track you wish to hear by press the [TRACK 1/LEFT] or [TRACK2/RIGHT] button.

3.4 Delete the Local Track Recording

If the TRACK 1 has data recorded, hold the [TRACK 1/LEFT] button for 3 seconds and the LCD will display: "Delete Track1?". Then use [+] button to delete the Track 1 Recording.

If the TRACK 2 has data recorded, hold the [TRACK 2/RIGHT] button for 3 seconds and the LCD will display: "Delete Track2?". Then use [+] button to delete the Track 2 Recording.

Saving the Recording to USB Disk

Insert the USB Disk into the USB terminal.

Press the [SAVE TO] button repeatedly to select: Save TCK To USB, then press [+] button, display shows SAVE OK!

A message "xx:Song xx" (xx indicates this file's sequence Number in Udisk. Songxx indicates registration file number) appears, indicating your record are saved to USB Disk.





Saving the MIDI to USB Disk

Insert the USB Disk into the USB terminal.

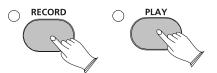
Press the [SAVE TO] button repeatedly to select "Load MIDI File?", then press [+] button, display shows "Load OK!".





Delete Song

Insert the USB Disk into the USB terminal. Use the [+] and [-] button to select SONGxx file you want to delete, hold down the [PLAY] button and press the [RECORD] button.





Press [+] button to delete the file.

Press [-] button to cancel the file.

USB Memory Button

Use this button you can switch to USB mode immediately even the keyboard is in any of other mode.

Insert the USB DISK into the USB socket, press the [USB MEMORY] button, if your disk is locked or on supported file in it, the display will show: No Files.



Mute Track

Use this function you can turn on or turn off any tracks before song playing or recording.

Reference: Function "USB Mute Track" (P39).

Adjust the Song's volume

Use the [Function] button to adjust the Song's volume to your desired level.

Reference: Function "USB Play Volume" (P.39).

USB Play Speed

Use the [Function] button to select the play back speed for USB on the piano.

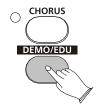
Reference: Function "USB Play Speed"(P.38).

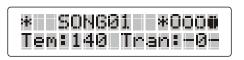
Teaching Function

There are 55 learning songs built into this Piano for your musical enjoyment. These songs have separate left and right-hand parts that can be turned on and off as required so you can practice the corresponding part on the piano.

Selecting a Song

Turn on the song mode by holding down the [DEMO/EDU] button. The song number will appear on the LCD display, the [PLAY] button indicator in flashing





Use the [+] and [-] buttons to select a song. Press the [PLAY] button to start learn the song, the [PLAY] button indicator in light.

Listening to the Entire Song

- 1). With the play along song mode engaged, press the [PLAY] button to hear both hand parts playing the entire song.
- 2). Press the [DEMO/EDU] button again to stop.

Practicing the Right Hand of the selected song

1). With the play along song mode engaged, press the [TRACK2/RIGHT] button to mute the right hand part. The right indicator lights up.

- 2). Press the [PLAY] button. Its indicator lights up and you will hear the metronome "count in" the song. You will then hear the left-hand part.
- 3). Play the right-hand part of your selected song while the left-hand part plays.
- 4). Press the [PLAY] button again to stop. Otherwise, playback will stop automatically at the end of the song.

Practicing the Left Hand of the Selected Song

Follow steps 1-4 listed above, substituting the LEFT button whenever RIGHT button is mentioned. You will hear the right-hand part of your selected song. Play the left-hand part of your selected song while the right-hand part plays.

Practicing the Both Hand of the Selected Song

- 1). Holding down the [DEMO/EDU] button, the play along song mode is engaged.
- 2). Press the [TRACK1/LEFT] button first, then the [TRACK2/RIGHT] button.
- 3). Press the [PLAY] button. Its indicator lights up and you will hear the metronome "count in" the song.
- 4). Play the left-hand and right-hand parts of your selected song.
- 5). Press the [PLAY] button again to stop.
- 6).Press the [DEMO/EDU] button to exit.

NOTE -

When you finishes your performance, the function will automatically score your performance ranging 1 to 100. Reference: "Grading" in function menu. (P.42)

Bluetooth

Bluetooth Connection

Plug this tiny unit into the allotted slot on the connector panel and stream high-quality audio from Bluetooth devices like your smartphone, tablet or computer. Now you will be able to listen to music files and music apps from your Bluetooth - enabled devices on your piano.



SPECIFICATIONS Compliant with Bluetooth 2.1+EDR specs 4dBm output max power Operates in 2.402-2.480 GHz ISM band

80dBm receiver sensitivity

The included Bluetooth receiver turns your piano into a home entertainment center for the entire family and allows you to play along with your favorite hits.

1). Make sure that the piano is powered off, if not please press the [POWER] button to do so. Insert the Bluetooth receiver into the Bluetooth slot located on the connector panel on the left side of the piano underneath the key-bed.



- 2). Press the [POWER] button to turn the piano on. The blue indicator light on the Bluetooth receiver will flash.
- 3). Press [FUNCTION] button repeatedly to select "Other Setting?". Press [ENTER] button to confirm, use [+] and [-] button to select "Bluetooth?", press [ENTER] button to confirm, use [+] and [-] button to select On or Off.





On----- Turn on the Bluetooth function. Off----- Turn off the Bluetooth function.