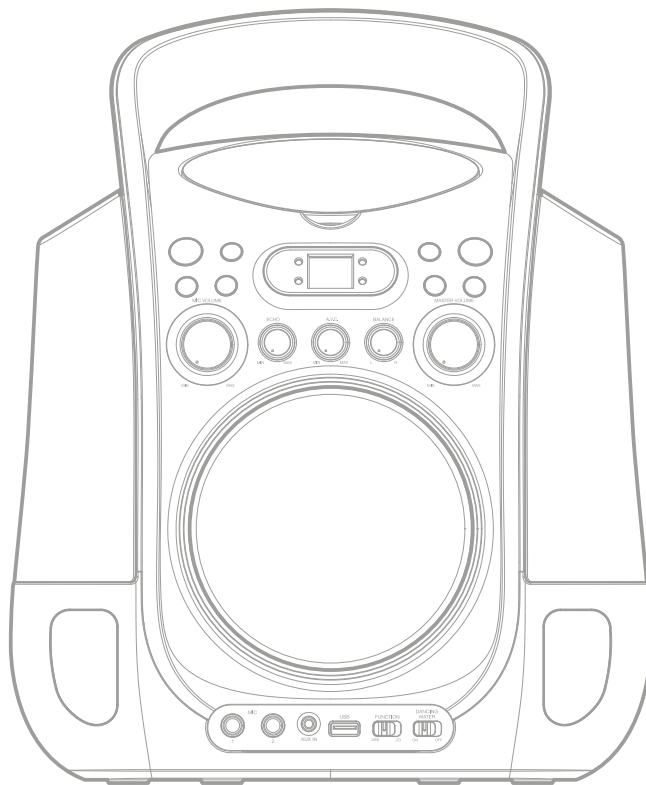


# CD+G KARAOKE MACHINE WITH DANCING WATER



MODEL: XB12DCDG

## USER MANUAL



# Goodmans

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# 1 Welcome



Thank you for choosing this Goodmans product. We've been making electronics for the British people for 70 years. Each of our projects has been carefully designed to be great at what it does and this one is no exception. We hope you enjoy your new Karaoke System.

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## 2 Your Karaoke System

### 2.0 In The Box

Carefully remove your Karaoke System from the packaging.

Inside the box you will find:

- XB12DCDG Karaoke Machine
- Mains Adaptor
- AV Cable
- 1 x Microphone
- 2 x Microphone holders
- CD+G Demo Disc
- Quick Start Guide
- Guarantee Booklet

If any of these items are missing, contact customer support.  
Visit: [www.goodmans.co.uk/support](http://www.goodmans.co.uk/support)



### Mains Power

Your XB12DCDG requires a mains supply of 230-240V AC ~ 50Hz. Please ensure that your mains supply is compatible before use. Disconnect the power cord from the mains when not in use.

### Position of Karaoke System

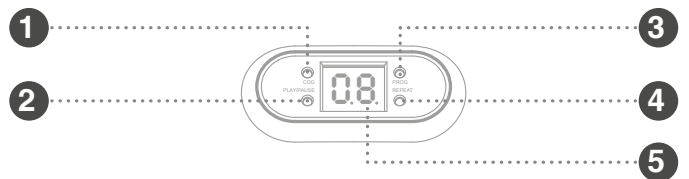
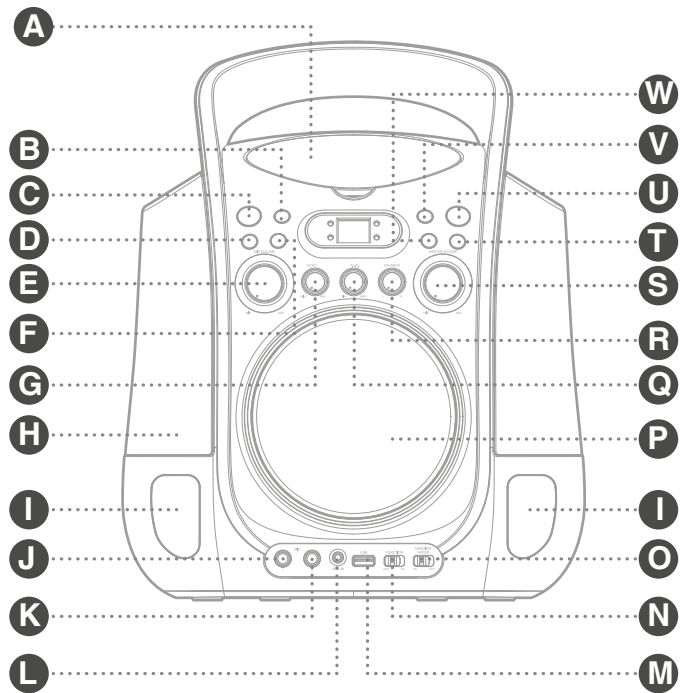
Place on a flat, stable surface that is not subject to vibrations. Avoid the following locations:

- Where it is exposed to direct sunlight
- Where it is close to heat radiating sources
- Where the humidity is high and ventilation is poor
- Where it is dusty



## 2.1 Front View

- A DISC compartment.**
- B REPEAT button.**  
Press to enable the repeat function
- C STANDBY button.** Press to enable/disable standby mode.
- D SKIP button.** Press to skip between tracks.
- E MIC VOLUME button.** Adjusts the microphone level.
- F SKIP button.** Press to skip between tracks.
- G ECHO control.** Adjusts the amount of echo for the microphone output.
- H DANCING WATER.** Contains the dancing water.
- I LIGHT.** Illuminated light show.
- J MIC 1 input.** Microphone input.
- K MIC 2 input.** Microphone input.
- L AUX IN input.** Connect an external audio source for playback through the speakers.
- M USB port.** Connect a USB flash drive for MP3 playback.
- N FUNCTION switch.** Switch between DISC & USB inputs.
- O DANCING WATER switch.** Enables or disables the dancing water effect.
- P SPEAKER.**
- Q AVC control.** Controls the music volume level when singing.
- R BALANCE.** Adjusts the left & right audio balance.
- S MASTER VOLUME.** Adjusts the volume level of the internal speaker.
- T STOP button.** Stops playback.



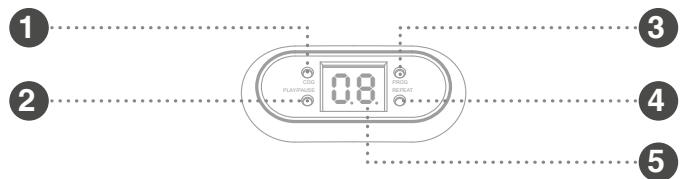
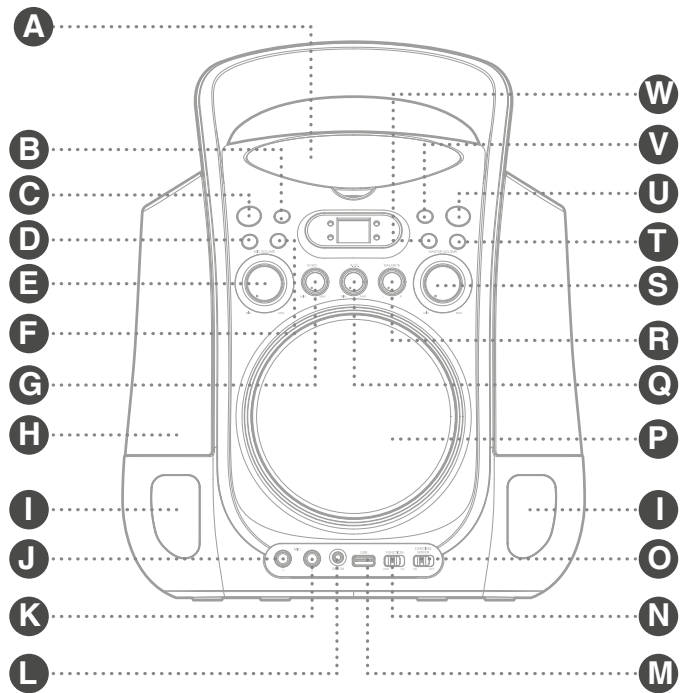


## 2.1 Front View

- U LIGHT SHOW button.** Enables or disables the light effects.
- V PROG button.** Activates the program playlist function.
- W ►/|| PLAY/PAUSE button.** Press to begin playback or pause playback.

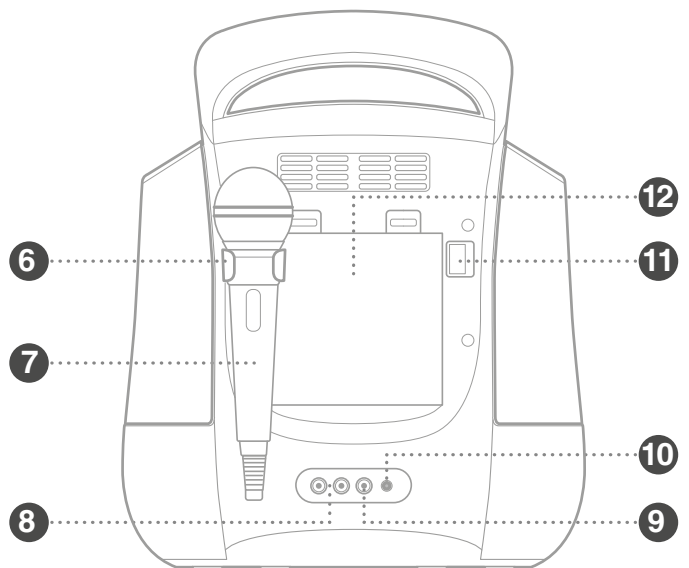
## 2.2 Indicators

- 01 CDG indicator.** Indicates when a CD+G track is being played.
- 02 ►/|| PLAY/PAUSE indicator.** Indicates when in play or pause mode.
- 03 PROG indicator.** Indicates when the program function is active.
- 04 REPEAT indicator.** Indicates when the repeat mode is active.
- 05 DISPLAY.** Displays the current track playing.



## 2.3 Rear View

- 06 MICROPHONE HOLDER**
- 07 MICROPHONE**
- 08 RCA STEREO AUDIO outputs.** Connect to an RCA stereo input on a TV or amplifier.
- 09 COMPOSITE VIDEO output.** Connect to a TV input.
- 10 DC MAINS input.**
- 11 MICROPHONE HOLDER socket**
- 12 BATTERY compartment**



## 3 Quick Setup



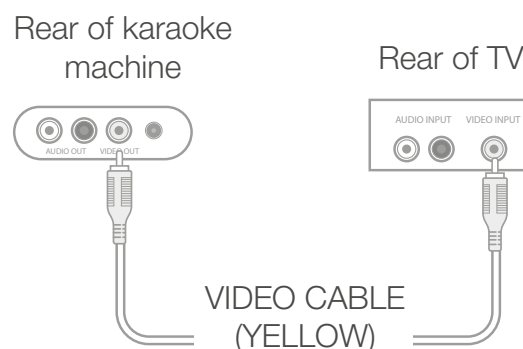
### 3.01 Making the Connections

An audio/video (AV) cable is supplied to give you the option of connecting the unit to an external amplifier and/ or a TV to display lyrics on-screen. The cable has three RCA jacks at each end. White and Red are for left and right audio connections and the Yellow is for connecting the video.

**i** Some projection TV sets do not display the standard blue background used on most CD+Gs properly. If the background colour is inconsistent or flashing, please try connecting your karaoke system to a standard television.

### 3.02 Display Lyrics on a TV Screen

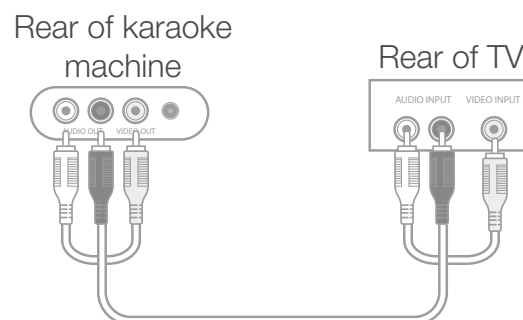
1. Connect the YELLOW (video) jack of the supplied AV cable to the 'VIDEO OUT' socket on the rear of the karaoke machine.
2. Connect the other end of the cable to a 'VIDEO INPUT' on your TV.
3. Select the appropriate video channel on your TV to view the lyrics on-screen.



**i** This connection will send lyrics (CD+G) only to the TV screen. All audio will be output from the karaoke machine.

### 3.03 TV Connection for Audio & Video

1. Connect the YELLOW (video) jack of the supplied AV cable to the 'VIDEO OUT' socket on the rear of the karaoke machine.
2. Connect the other end of the cable to a 'VIDEO INPUT' on your TV.
3. Connect the RED & WHITE jacks of the supplied AV cable to the RED & WHITE 'AUDIO OUT' sockets on the rear of the karaoke machine.
4. Connect the other end of the cables to the RED & WHITE stereo inputs on your TV.



**i** Take care to match the socket colours to the jack colours & that the red, white & yellow sockets are all from the same TV input.

5. Select the appropriate video channel on your TV to view the lyrics on-screen and hear the sound from the TV speakers.



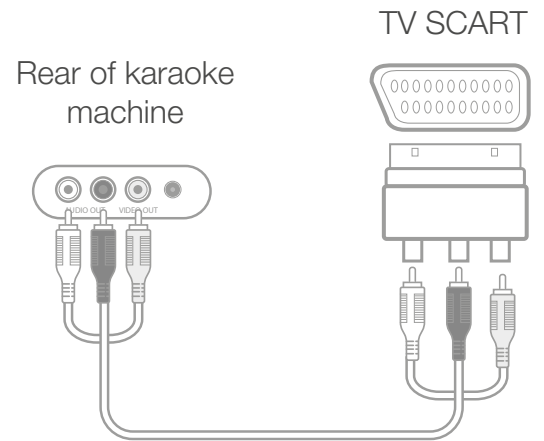
### 3.04 TV Connection with SCART Adaptor

**i** If your TV does not have the same red, white & yellow input sockets, but does have a SCART input socket, you can purchase a SCART adaptor. Follow the next diagram.

1. Connect the YELLOW (video) jack of the supplied AV cable to the 'VIDEO OUT' socket on the rear of the karaoke machine.
2. Connect the RED & WHITE jacks of the supplied AV cable to the RED & WHITE 'AUDIO OUT' sockets on the rear of the karaoke machine.

**i** Take care to match the socket colours to the jack colours.

3. Connect the other end of the cables to the matching coloured sockets on the SCART adaptor.
4. Connect the SCART adaptor to the SCART input on your TV.
5. Select the appropriate video channel on your TV to view the lyrics on-screen and hear the sound from the TV speakers.

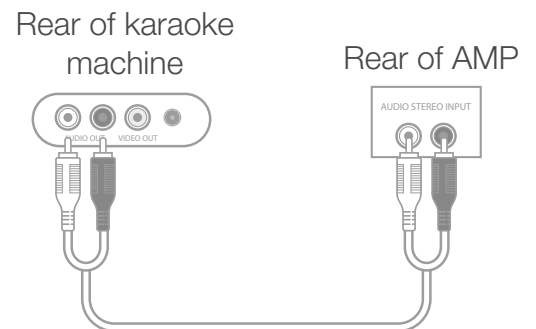


### 3.05 Audio Connection to an External Amplifier

As an alternative to listening to the audio through your TV or internal speakers, you can listen through your home stereo system.

1. Connect the RED & WHITE jacks of the supplied AV cable to the RED & WHITE 'AUDIO OUT' sockets on the rear of the karaoke machine.
2. Connect the other ends of the RED & WHITE cables to an RCA STEREO input on your amplifier.
3. Power on the amplifier and select the input you connected the cables to.

**i** In order to see the lyrics on your TV screen you also need to connect the yellow cable to your TV (see section 3.1).



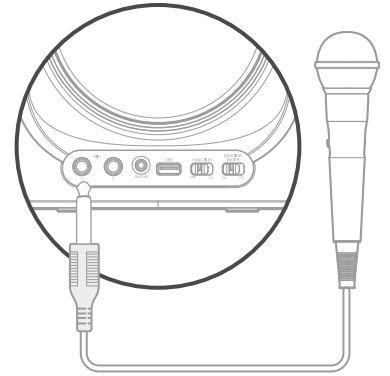


### 3.06 Connecting the Microphone(s)

1. Insert the supplied microphone jack into the MIC 1 socket on the front of the karaoke machine.
2. Switch the microphone on using the ON/OFF switch found on the side of the microphone.



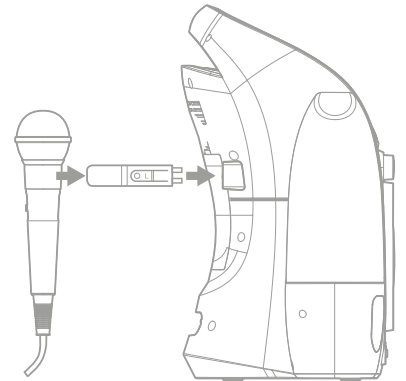
An additional microphone can be connected to the MIC 2 socket for duets (only one microphone is supplied).



### 3.07 Fitting the Microphone Holders

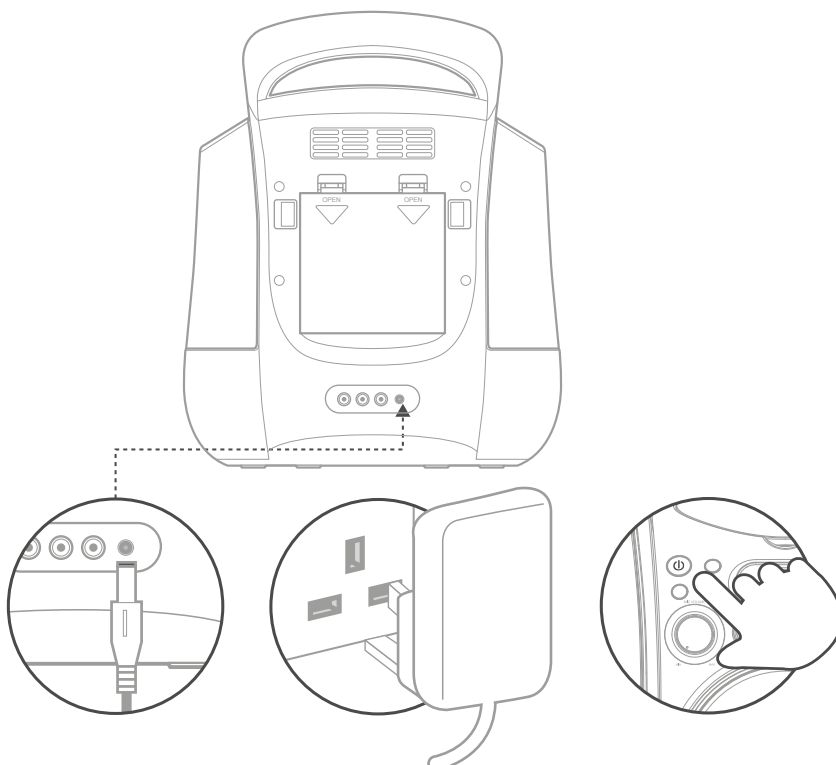
Two microphone holders are supplied to store the microphones when not in use.

1. Locate the LEFT mic holder and insert into the recess marked 'L' until you hear a click and the holder is secure. Repeat the process for the RIGHT holder.
2. Place a microphone into each holder for storage.



### 3.08 Connecting the Power

1. Connect the mains adaptor jack into the DC power input on the rear of the karaoke machine.
2. Insert the mains adaptor into a power socket, and switch the power on.
3. Press the STANDBY button on the front of the karaoke machine.







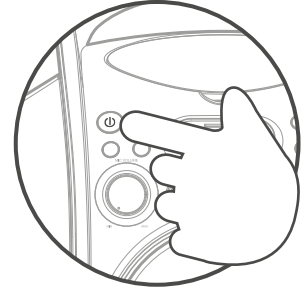
### 3.09 Standby & Auto Standby

1. Press the STANDBY button to wake from standby mode.
2. Press the STANDBY button again to enter Standby mode.



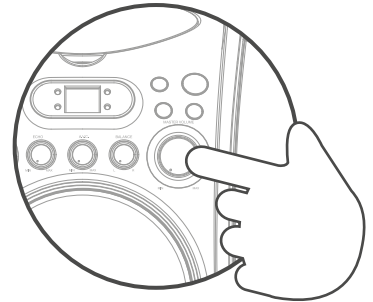
Due to new ECO regulation requirements this product incorporates a power saving feature.

3. Once audio playback has ceased and the unit has stood idle for approximately 15 mins, it will switch into a 'power-down' power saving mode.
4. To wake the unit up, press the STANDBY button.



### 3.10 Adjusting the Volume

1. Rotate the MASTER VOLUME control clockwise or anti-clockwise to increase or decrease the volume output.



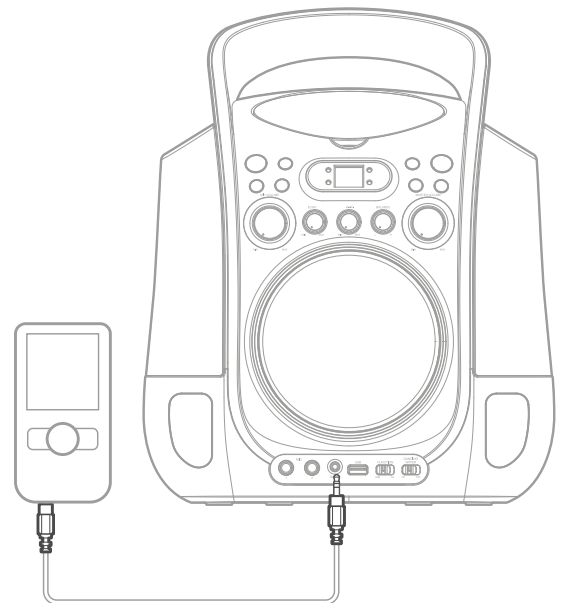
### 3.11 Connecting an External Audio Source

You can connect other audio sources to sing along to using the AUX IN socket on the front of the unit.

1. Connect an audio device (such as an MP3 player) using a 3.5mm audio cable (not supplied). Insert one end into the MP3 players earphone output.
2. Connect the other end into the AUX IN socket on the front of the karaoke machine.
3. Press PLAY on the audio device.
4. Adjust the volume to your desired level.

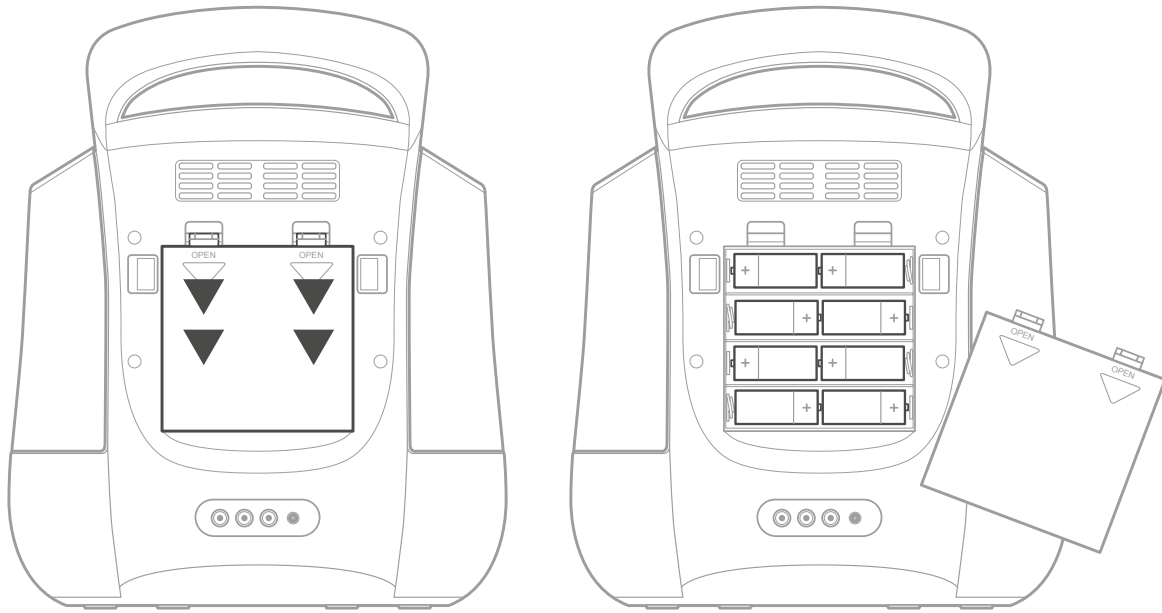


When connecting via the headphone output the volume of the karaoke machine is affected by the volume control on the player. Ensure that the audio source (such as an MP3 player) is set to about 70-80% to avoid distortion.





### 3.12 Fitting the Batteries



1. Remove the battery cover by pressing the battery cover tabs downwards and out.
2. Insert 8 x 'C' UM2 type batteries into the battery compartment taking note of the engraved battery direction diagrams on the inside.
3. Replace the battery cover.

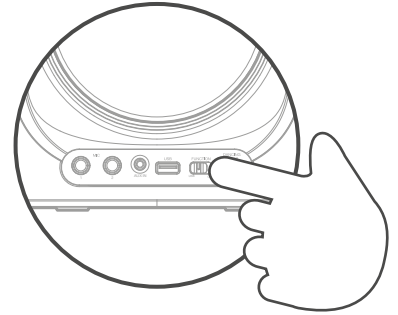
# 4 Operation



## CD+G/ MP3+G Operation

### 4.01 Switching Modes

1. Switch between USB & CD modes using the FUNCTION switch on the front of the unit.



### 4.02 What is a CD+G disc?

A CD+G (CD + graphics) is the standard format for most karaoke discs. Each disc contains the audio track and words that appear on your TV screen.

### 4.03 What is a MP3+G file?

These format can be downloaded from on-line karaoke music suppliers and burnt to CD or copied to USB flash drives for playback on the karaoke machine.



There are usually two files per song, so do not rename the files and copy both to the CD or flash drive.

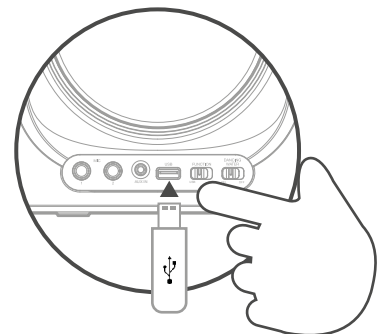
### 4.04 Load a Disc

1. Lift the CD door open and place a disc onto the spindle with the label facing upwards.
2. Close the CD door.



### 4.05 Load a USB Flash Drive

1. Insert a USB flash drive into the USB port on the front of the karaoke machine.





## CD+G/ MP3+G Operation

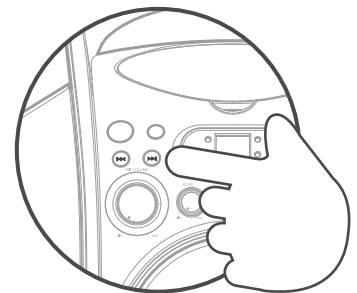
### 4.06 Play a Song

1. Follow the steps above to load a disc or USB flash drive (if not already loaded).
2. The player begins to read the disc/ drive and displays the total number of compatible tracks on the display.
3. If a TV is connected a menu displaying folders on the left (MP3+G files in folders only), and tracks on the right.
4. Press the ►/|| button once to begin playback from track 01. The PLAY/PAUSE indicator to the left of the display will illuminate and if playing a CDG disc /MP3+G file the CDG indicator will illuminate also.
5. If a TV is connected, the lyrics to the current song will appear on your TV.
6. To pause playback press the ►/|| button once more. The PLAY/PAUSE indicator and display will flash to indicate the player is in pause mode; press the ■ button to cease music playback. The display shows the total number of tracks once more.



### 4.07 Skip Tracks

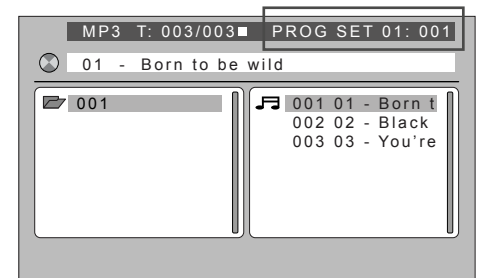
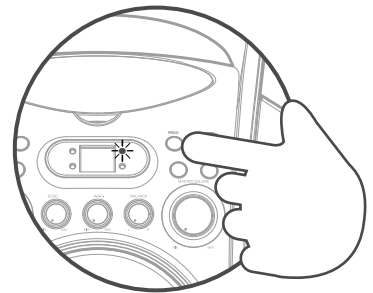
1. Press the ►► button once during playback to skip to the next track. To skip to a specific track, press this button several times until you reach the track number required.
2. Press the ◀◀ button once during playback to return to the beginning of the current track. Press the ◀◀ button twice repeatedly to skip to the previous track. To skip back to a specific track, press this button several times.



### 4.08 Programmed Playback

To programme an alternative playback order of tracks follow the below steps.

1. Press the ■ STOP button if a disc is playing. Then press the PROG button to enter the programme setup function. The PROG indicator to the right of the display will illuminate.
2. Use the ►► / ◀◀ buttons to skip between the tracks.
3. Press the PROG button to store track '1' of the playlist.
4. Repeat steps 2-3 to program up to 20 tracks.
5. When complete press the ►/|| button to begin playback.
6. To cancel the program sequence press the ■ STOP button twice. The PROG indicator will go off.

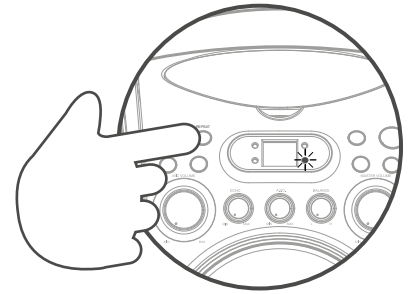




## CD+G/ MP3+G Operation

### 4.09 Repeat Single/All Track(s)

1. During playback pressing the REPEAT button will flag the current track to repeat indefinitely. You will see the REPEAT indicator to the right of the display flash.
2. Pressing the REPEAT button again will repeat all tracks on the disc. You will see the REPEAT indicator to the right of the display stop flashing and remain solid.
3. To cancel the repeat function press the REPEAT button for a third time. You will see the REPEAT indicator to the right of the display go off.





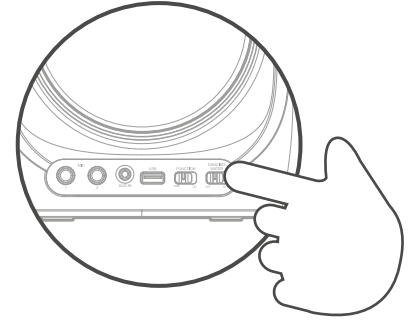
## Other Operation

### 4.10 Dancing Water Effect

1. To enable the dancing water effect set the 'DANCING WATER' switch to the ON position.

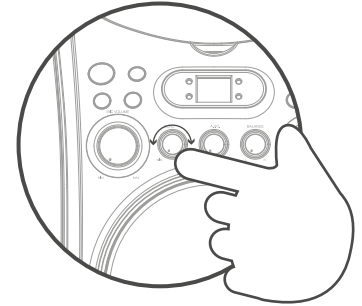


The water effect will only function when audio is being played or the microphone is in use.



### 4.11 Echo Effect (Microphone Only)

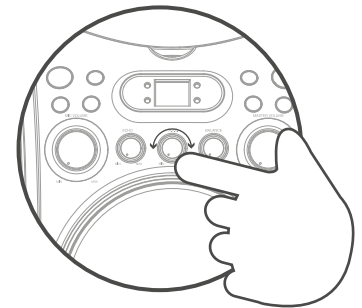
1. When using the microphone(s) you can apply echo to your voice using the ECHO control.
2. Rotate clockwise from MIN to MAX to increase the echo amount. Setting the control to 'MIN' means there will be no echo on the microphone output.



### 4.12 A.V.C Control (Auto Voice Control)

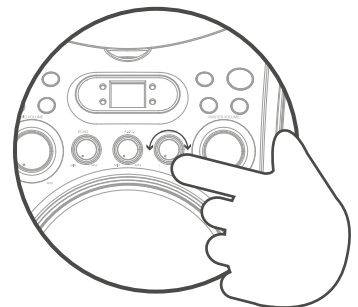
Auto voice control works by lowering the vocals on a multiplex recording when you sing. When you stop singing the vocals will be restored.

1. Rotate clockwise from MIN to MAX to increase the amount the song vocals cut out when singing. Setting the control to MIN means the vocals will not be lowered at all. Setting the control to MAX will cut the vocals out almost completely when singing.



### 4.13 Balance Control

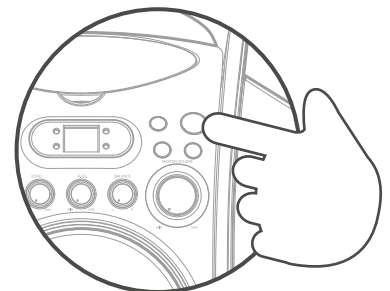
1. When playing CD+G tracks with multiplex vocals included rotating the balance control clockwise reduces the vocals. Rotating the balance control anti-clockwise reduces the backing track.
2. When playing non-multiplex CD+G tracks or standard stereo tracks rotating the balance control anti-clockwise or clockwise pans stereo audio from the left & right channels.



### 4.14 Light Effect Show

When enabled the light effect show changes colour & brightness in sync with the music.

1. Press the LIGHT SHOW button on the front of the karaoke machine to enable the light show.
2. Press & hold the LIGHT SHOW button to disable the light show.




## 5 Troubleshooting



Problem	What to do
No Power	<p>Check the mains plug is connected to the wall socket. Switch the wall socket on.</p> <p>Press the STANDBY button to wake from Standby mode.</p>
No sound from the TV or connected Amp	<p>The volume level is too low. Increase using the volume control.</p> <p>Turn the amplifier on</p> <p>Check the input you connected the karaoke machine to on the TV or amp and switch to that input.</p> <p>Ensure the RED &amp; WHITE audio cables are connected correctly to the karaoke machine, TV or Amp.</p> <p>Ensure the RED &amp; WHITE audio cables are connected to the same input as the YELLOW video cable on your TV.</p>
No lyrics appear on the TV screen.	<p>Check the YELLOW video cable connections on both the karaoke machine and TV.</p> <p>Check you are viewing the input you connected the YELLOW cable to on your TV.</p> <p>Check you have loaded a CD+G disc that contains lyrics.</p>
No sound from the microphone	<p>The MIC VOLUME control is set to MIN.</p> <p>The microphone ON/OFF switch is set to the OFF position.</p> <p>The microphone is not connected properly.</p> <p>The microphone is damaged; try another microphone.</p>
Files cannot be read from a USB flash drive	<p>The USB flash drive requires the FAT32 file system before it will be readable. The max size supported is 32GB.</p>

# 6 Technical Specification



Model Number	XB12DCDG
Power Supply	AC 230-240V ~ 50 Hz Output: DC 12V  1.5A 8 x 'C' UM2 type batteries
Speaker Output Power	4W (RMS)
Video Output	PAL composite (RCA)
USB Flash Drive Support	Max 32GB, FAT32 file system
Supported Disc Types	CD, CD+G, CD-R, CD-RW
Supported audio files	MP3+G, WMA+G

# 7 Customer Support

Our customer service team is available for technical or guarantee support. Visit [www.goodmans.co.uk/support](http://www.goodmans.co.uk/support)