

Gloria

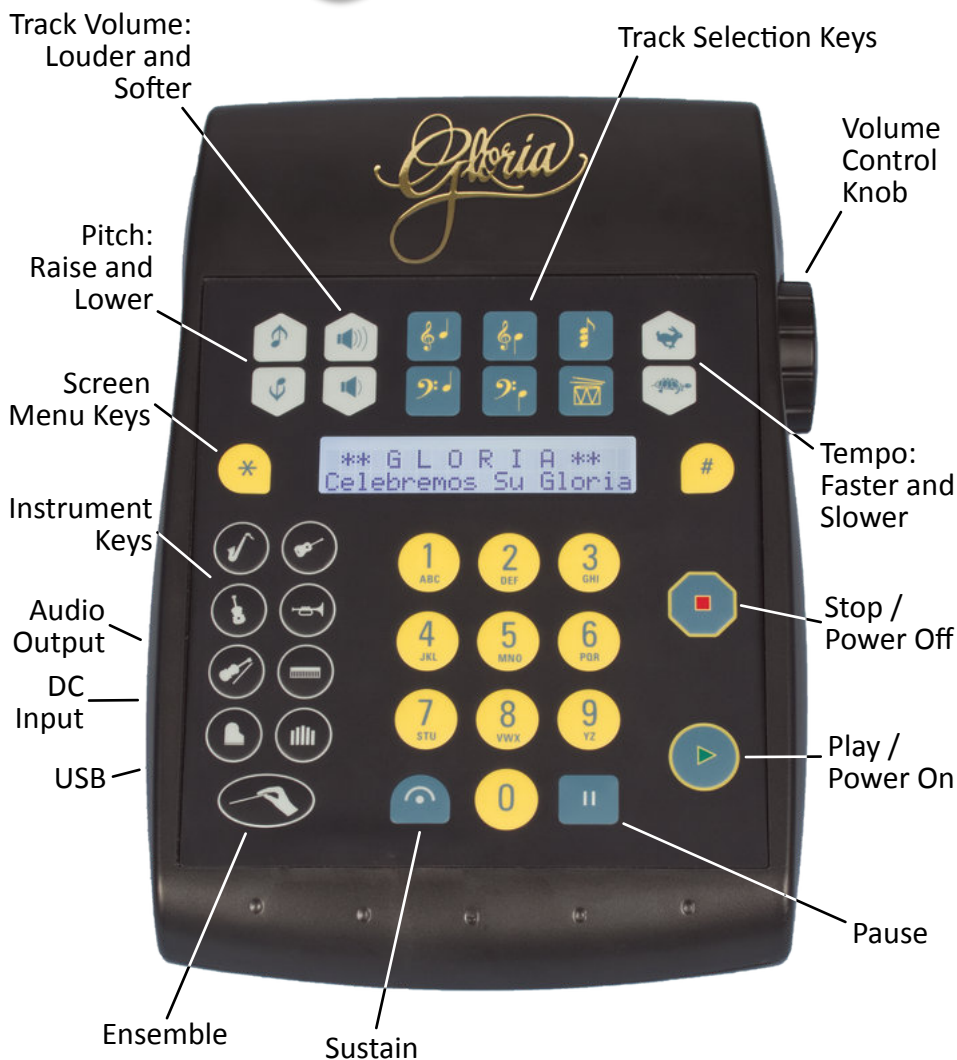
Manual



**“Sing to him, sing praise to him;
tell of all his wonderful acts.”**

Psalm 105:2

Gloria



Dedication

The Gloria Digital Orchestra is dedicated to the glory of God, to accompany singing and to enhance the worship and praise of Christians all around the world.

*Give praise to the Lord, proclaim his name;
make known among the nations what he has done.*

*Sing to him, sing praise to him;
tell of all his wonderful acts.*

*Glory in his holy name;
let the hearts of those who seek the Lord rejoice.*

Psalm 105:1–3 (NIV)

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Quick Start

Add four alkaline D-cell batteries, observing the correct polarity in the battery compartment, or connect the included power adapter. Press Play (▶) to turn the power on. The screen will display the startup greeting, including the hymnal title:

** G L O R I A **
 Celebremos Su Gloria

Wait for the hymn prompt to appear, with a flashing cursor. There's a battery level icon in the right corner, which won't appear if you're using the power adapter. Next to it is the abbreviation for the currently selected hymnal. This will only appear if your Gloria has more than one hymnal.

Hymn: █
 CSG █

Select music using the digit keys, for example (3) (2). If necessary, press Stop (■) to clear the display and try again. Press Play to start playing the music. Adjust the volume by turning the knob.



Playing: 32
 Stanzas

While the music is playing, press Faster (⏩) to speed up the tempo or press Slower (⏪) to slow it down. The scale on the screen and the number on the right show the tempo relative to the default.




#32 Tempo: 105%
 █ >>

While the tempo is displayed, press and hold (#) to fast forward.






#32 Tempo: 400%
 ██████████ >>


Press Raise  to raise the pitch by a semitone or press Lower  to lower the pitch. The scale and number on the screen show the change relative to the music's original key.

#32 Key: +1
■.....

Press an instrument key  to change the sound. While the instrument is displayed, press any of the digit keys to select a different one within that family. Press  or  for more instrument families, followed by the corresponding digit key to select instruments within those families. There's a reference chart on page 44.

#32 Trumpet
 Trumpet

Set each track to its own individual instrument. Press the Melody , Alto , Tenor , Bass  or Chords  keys to select a specific track, then press an instrument key to set only the selected track to that instrument.

Press Ensemble  followed by an instrument key or digit key to change the Melody, Alto, Tenor and Bass tracks to a select combination of instruments. See the reference chart on page 46.

#32 Ensemble
 Big Brass

Press and hold Play while the music is playing to change tempo, key and instruments to their original defaults. Press Stop to halt playing and return to the hymn prompt. Press and hold Stop to turn the power off.

There is a keypad reference chart on page 40 that gives a brief overview of available functions.

Features

Gloria can play music from a variety of hymnals, such as *The Celebration Hymnal* (English) and *Celebremos Su Gloria* (Spanish), in a range of richness and depth, from four-part harmony to full 16-channel orchestration.

You can use Gloria to accompany congregational singing, as part of an instrumental group, to teach melodies and choir vocal parts, as background music, and for personal praise. Gloria is suitable for family devotions, home Bible study groups, religious education classes, retirement homes, funeral services, and anywhere you need music but there are no musicians.

Gloria can customize the music by changing the number of stanzas, speeding or slowing the tempo, and raising or lowering the pitch to any key.

Each track (melody, alto, tenor, bass, chords, percussion) may be modified by assigning a different instrument*, adjusting the volume to emphasize or subdue a particular track, muting other tracks to isolate one in particular for teaching, practice, or for accompaniment with other instruments.

The sustain key lets you hold a note for emphasis. You can also pause and resume the music as desired.

You can create a playlist of pre-selected music, saving any variations in tempo, key, instruments or track adjustments.

The *Celebremos Su Gloria* hymnal includes over 140 choral responses (called Fanfares) you can use independently.

You can listen to Gloria through its built-in speaker, using headphones, or by connecting an external amplifier, including powered computer speakers.

* Except percussion.

Gloria uses standard alkaline batteries or an AC power adapter. You can also use rechargeable batteries of various types. Solar panels can provide charging if needed.

Care & Maintenance

Do not open the case! There are no user-serviceable parts. Some users have damaged their Gloria beyond repair by opening the case. For repairs, refer to our contact details on page 8.

Gloria is heavy when batteries are installed, so do not place it where it could fall and cause injury.

Do not drop Gloria.

Do not use or leave Gloria in extremely hot places, such as the interior of a closed car.

Protect Gloria from water and insects.

Use only a damp cloth for cleaning.

The volume knob may be forced against the case during shipping, causing friction while turning. If necessary, pull out the knob until it turns freely. You can use a flat screwdriver, carefully wedged between the case and the knob from below, to gently pry the knob out until it turns freely.

Do not leave batteries in the unit if it will not be used for some time or if it will be shipped.

Do not leave worn-out batteries in the unit. Leaking batteries can cause permanent damage to Gloria.

Read the instructions for correct power connections.

Do not use with an AC power adapter during a thunderstorm.

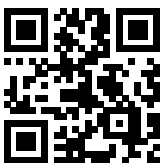
Warranty

If you are not satisfied with Gloria, or it doesn't meet your needs, you can return it within 30 days of receipt of the unit for a full refund of the purchase price, provided that it is in resalable condition.

Gloria Music Corporation also warranties the Gloria Compact Digital Orchestra for ninety (90) days from the receipt of the unit. Gloria Music Corporation warrants the product will be free from defective workmanship and materials, and agrees that it will, at its option, either repair or replace the defective unit or part thereof at no charge to the purchaser for parts or labor, other than shipping. This warranty does not apply to a unit which has been defaced or damaged due to misuse, moisture or insects, abnormal service or handling, or if it has been altered or modified in design or construction. Nor does it cover any AC adapter shipped with the unit. Neither the seller nor manufacturer shall be liable for any injury, loss, or damage, direct or consequential, arising out of the use of or the inability to use the product.

Contact Us

For additional Glorias or accessories, please contact Gloria Music Corporation by email at sales@gloriamusic.com, toll-free at 1 877-454-8320 or +1 815-637-0554, or visit our website at <https://gloriamusic.com> for more information. Email service@gloriamusic.com for repairs. Email hymnal@gloriamusic.com for Spanish hymnals and related printed materials.



**** G L O R I A ****
Celebremos Su Gloria

Hymn: ████████████████████ CSG



Playing: 32 INTRU

Playing:32 INTRO
Stanzas

Gloria will return to the hymn prompt when the music has finished playing. You may also press Stop to halt playing at any time and return to the hymn prompt.


Press and hold Stop to turn the power off. Gloria will also turn itself off after a period of inactivity, initially set to 15 minutes. You can change this time in the setup menu. See *Automatic Power Off* on page 29 for details.

Tempo

Press Faster  to speed up the tempo or press Slower  to slow it down. The scale on the screen and the number on the right show the tempo relative to the default for the music.

#32 Tempo: 105%
.....■..... >>

The tempo will go as low as 50% (half speed) and as high as 200% (double speed). Hold down Faster or Slower to continuously speed up or slow down the tempo.

While the tempo is displayed, press and hold  to fast forward. Release # to resume with the previous tempo.



#32 Tempo: 400%
.....■■■■■■■■ >>

You may also turn the volume knob while the tempo is displayed to change the tempo. Gloria will revert to the previous display after a few seconds of inactivity, or press Play to return to the previous display immediately.

Tempo may be changed while music is playing, during pause, or before starting to play. To set the tempo ahead of time, select a number, set the tempo, then press Play to start using the new tempo.

Press and hold Play while music is playing to change tempo, pitch and instruments to their original defaults.

Pitch (Key)



Press Raise  to raise the pitch by a semitone or press Lower  to lower the pitch. The scale and number on the screen show the change relative to the music's original key.

#32 Key: +1
.....■.....

The pitch may go up by nine semitones or down by ten semitones, although in most situations small changes are all that's needed. An octave is twelve semitones. Pitch may be changed while music is playing (although it sounds strange), during pause, or before starting to play. To set the pitch ahead of time, select a number, adjust the pitch, then press Play to start using the new pitch.







Press and hold Play while music is playing to change pitch, tempo and instruments to their original defaults.

Volume & Balance

Turn the knob to alter the sound volume. The screen briefly shows the current volume level. As an alternative, press Louder  or Softer  to change the volume 4 units at a time.



#32 Volume: 30
■■■■■■■■■■.....


Gloria will produce the loudest volume while powered by the external adapter. The maximum volume for the internal speaker is reduced somewhat when using D cells, and reduced further when the batteries are low. The maximum volume is not reduced when using the Line Out connector.

You may also adjust the volume of each of the six tracks. Press the Melody , Alto , Tenor , Bass , Chords  or Percussion  keys to select a specific track, then press Louder or Softer (or turn the volume knob) to change the volume on

that track. Tracks can play louder or softer than the other parts. Here are some examples:

- Raise the volume of the Bass track while practicing with the bass section of a choir.
- Lower the volume of the Melody track while accompanying a soloist.
- Raise the volume of the Melody track while teaching a new hymn or song to the congregation, to make it easier to follow along.
- Raise the volume of the Percussion track if you want louder rhythm.

Each track can also be completely silenced. Press a track key, then press  to mute the track or  to unmute it. Unmuting a track will return it to the volume it had prior to muting. You may mute as many tracks as you want. Extending the examples above, mute all tracks except Bass to learn the bass part. Mute the Melody track while accompanying a soloist.



#32 MUTE Melody on


Track volume and muting may be changed while music is playing, during pause, or before starting to play, much like tempo or pitch. Select a number, make the changes, then press Play to start using the new settings.

The volume knob only affects one track while a track is selected. To return to normal operation where the volume knob affects everything, wait a few seconds for the screen to return to the standard Playing display, or press Play to return immediately.



Press and hold Play while music is playing to unmute all tracks and reset them to the default volume. This will also change tempo, pitch and instruments to their original settings.

The Chords track can be set to a default reduced volume for all the music through an option in the setup menu. The Percussion track can be permanently muted as another option. See *Music Styles – Balance* on page 27 for details.

Instruments & Ensembles

Press an instrument key  to change all tracks except percussion.

#32 Trumpet
Trumpet

While the instrument is displayed, press any of the digit keys to select a different instrument within that family. Press  or  for more instrument families, followed by a digit key to select a new sound. The screen displays the name of the instrument key you pressed on the right, and the name of the specific instrument in the center.

These are the instrument keys:



Sax



Guitar



Bass



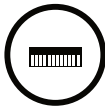
Trumpet



Bells



Strings



Synthesizer




Piano




Organ






Various


A chart with all the instruments is on page 44. The instrument in column  is the default instrument selected directly by each instrument key.

Press and hold Synthesizer  to access the entire set of Gloria instruments, including some that are not in the chart on

page 44. Press * and # to cycle through the set. There are 120 instruments to choose from.

#32 Synthesizer
< Marimba >

Press a track key to change the instrument on only that track. For example, press Melody , then Sax , then 7  to change the melody to flute. All tracks (except percussion) can be customized to different instruments. As with volume, if you wait a few seconds for the screen to return to the standard Playing display, the instrument keys will again affect all the music, not just one track.

There are pre-programmed instrument combinations, in addition to individual instruments. Press Ensemble  followed by an instrument key or digit key to change the Melody, Alto, Tenor and Bass tracks to a select combination of instruments. See the chart of ensemble combinations on page 46. Ensemble is not affected by first pressing a track key.


#32 Ensemble
 Big Brass

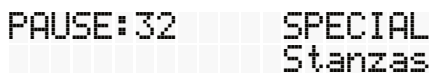
The music will sometimes change instruments as it plays, often on the last stanza. However, your instrument selections will persist until the end of the current piece, regardless of whether the music would normally change instruments.

Instruments may be changed while music is playing, during pause, or before starting to play, much like tempo, pitch or track volume. Select a number, make the changes, then press Play to start using the new settings.

Press and hold Play while the music is playing to change the instruments, tempo and pitch to their original defaults.


Pause & Sustain

Press Pause  while playing to temporarily stop the music.




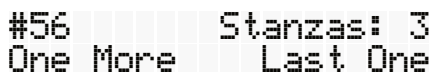
Press Pause again (or press Play) to resume playing.

Note if using batteries: when you use the internal speaker the speaker amplifier remains powered during pause, even though no music is playing, continuing to drain the batteries.


Press and hold Sustain  while playing to hold the notes currently playing until you release the key. Practice with Sustain to get a feel for when to press the key and for how long to hold it.

Stanzas

Your selection will normally repeat as many times as there are verses in the hymnal. You can change that by using the Stanzas screen menu. Press  whenever “Stanzas” appears at the lower right of the screen, either after selecting a number or while the music is playing.



The number at the upper right is the total number of stanzas remaining, including the one currently playing. This starts off as the default number of verses in the hymnal.

Press  to add one more stanza to the playback. For example, while playing the last stanza (the number of remaining stanzas is 1) press * for One More. The current stanza will finish playing and then Gloria will play one more stanza.

Press # to make the currently playing stanza the last one. The number of remaining stanzas is cleared to 1, and Gloria will stop at the end of the stanza.

You may also press any digit key while the stanzas are displayed to directly set the number of remaining stanzas. For example, pressing 1 has the same effect as pressing Last One. Press 5 to play the current stanza plus four more. While the music is playing, the digit keys are a direct shortcut to the number of stanzas. Set the number of stanzas by pressing a digit key without first going to the stanza screen.


Some hymns and songs have a change of key on the final stanza, including a key-change transition. They're indicated as "SPECIAL" on the screen. For these the number of stanzas can't be changed once the final stanza has started playing.

Style Variations

The music typically starts with an introduction, and the screen displays INTRO while the introduction plays. After the introduction, INTRO disappears and the main stanza starts playing. Using a basic, plain style, the main stanza will repeat as many times as there are verses in the hymnal. However, many selections also include a stanza with different instrumentation and / or a final stanza in an alternate key.

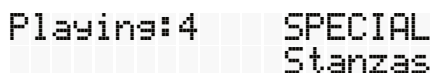
Some hymns and songs have a fanfare (refrain), a brief stand-alone segment that can be sung or played by itself as a choral response or hymn-within-a-hymn. For example, #212 in the *Celebremos Su Gloria* hymnal plays the music for "He arose! He arose! Hallelujah! Christ arose!"

There may be more than one version of a melody, typically with different timing to accommodate regional adaptations. For example, numbers 45, 557, 611 and 624 in the *Celebremos Su Gloria* hymnal.

At the hymn prompt, select a number and then press Pause  before pressing Play to cycle through the available variations. Press Play to start playing the variation displayed on the screen.

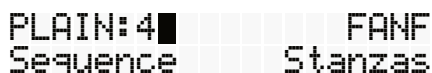
Plain / Special

If there is a stanza with different instrumentation, it will play on the second to last stanza. Where there is a stanza in an alternate key, it will play on the last stanza. If either (or both) are included, the screen will display SPECIAL so you can be ready for the transitions to the last stanzas.



Playing: 4 SPECIAL
Stanzas

To play music without the variations, press Pause before starting to play so that the screen displays PLAIN.




PLAIN: 4 FANF
Sequence Stanzas

Then press Play, and the music will play all stanzas the same, with no variations. Guitarists and other musicians may prefer the Plain variation to avoid transposing on the final stanza while Gloria gives orchestral accompaniment.

You may also set Gloria to choose Plain as the default for everything. See the setup menu option *Music Styles – Plain or Special* on page 28 for details. If Gloria has been set to default to the Plain style, press Pause before playing to select the SPECIAL variation.

Fanfare

If there is a fanfare, the screen displays FANF on the right. To use it, press Pause  before starting to play so that the screen displays FANFARE. You may have to press Pause more than once, depending on how many style variations there are.

FANFARE: 4 ■ ■ ■ ■ FANF
Sequence ■ ■ ■ ■ Stanzas

Press Play to start playing the fanfare. The screen continues to display FANF on the right while playing the fanfare.

Playing: 4 ■ ■ ■ ■ FANF
■ ■ ■ ■ Stanzas

The fanfare will repeat as many times as there are stanzas in the hymnal, but Gloria will pause at the end of each one.

PAUSE: 4 ■ ■ ■ ■ FANF
■ ■ ■ ■ Stanzas

Press Play or Pause to start playing the fanfare again. Press Stop (■) to finish playing and return to the hymn prompt.

The *Celebremos Su Gloria* hymnal topical index has a number in brackets if there is a fanfare. That number refers to the meter or number of syllables that fit the fanfare, so it can be used with other hymns, songs or poems.

No Intro

You may choose to skip the introduction and begin playing from the main stanza. This can be useful when learning new music or rehearsing. Or you may want to chain several hymns or songs together in a sequence (see page 22), where only the first item in the chain needs an introduction. To omit the introduction, press Pause (■) before starting to play so that the screen displays NO INTRO. You may have to press Pause more than once.

NO INTRO: 4 ■ ■ ■ ■ FANF
Sequence ■ ■ ■ ■ Stanzas

Press Play and the first stanza will begin.

Other

If your selection includes another version of the melody, choose the other version by pressing Pause before starting to play, so that the screen displays OTHER.

OTHER: 45 ■■■■■■■■■■
Sequence ■■■■ Stanzas

Press Play to start playing the other version. Gloria remembers that you selected the other version, and from then on will default to playing that one. If you want to play the original version, press Pause before starting to play, so that the screen displays NORMAL.

NORMAL: 45 ■■■■■■■■■■
Sequence ■■■■ Stanzas

Press Play to start playing the original version. Gloria will then default to the original version.

Alphabetic Search

You can find a hymn or song using an alphabetical listing if you don't know the number. To search by title, press Play (▶) at the empty hymn prompt.

Hymn: ■■■■■■■■■■
■■■■■■■■■■■■■■■■■■■■

The search screen shows titles in alphabetical order. Press # to advance and press * to rewind back through the list. Z is followed by A, taking you back to the beginning. Hold down # or * to move quickly through the list.

Abide With Me ■■■■
<-- ■■■ A #519 ■■■ -->

You may also use the digit keys to spell out the title you're searching for. The letters are printed on the keys:



Press a key repeatedly to cycle through the letters on the key. For example, press 5 twice to get the letter N. The letter you select is displayed in the center of the screen, along with the number of the title. The first title to start with that letter will be displayed. Press 0 (0) to move the cursor to the next letter in the title. The cursor underlines the letter in the title you're currently entering. Continue to press digits to spell out the title, or when you think you're close enough, press # until you reach the right one. Spaces, punctuation and accent marks or other letter modifiers don't count in the search process.

Press Play to select the displayed item. Press Play again to start playing the music. Press Stop (■) to return to the hymn prompt without selecting anything.

Multiple titles may refer to the same piece of music. For example, a hymn or song will have a default title (as printed in the hymnal), but may also be located by the first line, the first line of the chorus, or the name of the tune it's normally sung to. There may be many ways to search. It all depends on the content that is included with the hymnal installed on your Gloria.

Hymnals can have titles in more than one language, and any title in the currently selected language (e.g. English) is available for search. The search function is not available if there are no titles in the current language. See the setup menu section *Language* on page 31 for details on changing the current language.

Demo

Press Play (▶) during the startup greeting to start playing music in Demo mode. Note that the startup greeting displays the currently selected hymnal. This is an example:

```
** G L O R I A **  
Celebremos Su Gloria
```

Gloria will start at the beginning and play each consecutive number to the end of the hymnal. Then it will loop back to the beginning and start again. The *Celebremos Su Gloria* hymnal provides over fifteen hours of continuous play.

```
Demo:2    SPECIAL  
Let's Celebrate
```

The screen upper left shows the number that's currently playing. The title is on the second line. Gloria typically plays one stanza before moving on to the next number. However, if it has an alternate instrumentation or a stanza in a different key, then those variations will play as well.

Press Stop (■) to skip playing the current number. Gloria will move on to the next one in the hymnal. Press and hold Stop to exit the Demo mode altogether and return to the hymn prompt. Gloria will continue from where you stopped the next time you start the Demo mode.

You can also start playing in Demo mode from any selection you want, for example, at the beginning of a section of Christmas carols. From the hymn prompt select the number you want to start with, then press and hold Play until the screen changes to display "Demo".

While playing in Demo mode you may modify tempo, pitch, volume and instruments.

Sequences

You can set music up ahead of time in a playlist or sequence. This can be as simple as choosing an order of service, or more detailed to include custom instruments, tempo adjustments, pitch changes, or any other performance modifications. The sequence can be played back individually one item at a time or can flow one after the other, with no pause in between.

The sequence is stored at all times, even when you turn Gloria off or remove power.

There is only one sequence; you can't have multiple sequences. However, you can add up to 99 items to include many mini-sequences. See *Playing the Sequence* on page 24.

You can add to the sequence from multiple hymnals and Gloria will automatically switch between them as the sequence plays. See *Hymnal* in the setup menu options on page 27.

Adding to the Sequence

You may add to the sequence whenever you select a number at the hymn prompt (also if you found something through alphabetic search) and Sequence appears at the left of the screen.

HYMN: 215 FANF
Sequence Stanzas

Press \odot to go to the sequence menu.

New: 215 SPECIAL
Add

Now the screen shows that you have a new selection to add to the sequence, 215 in this example, and that the Special variation is selected. Press * again to add it to the sequence.

```
Hymn:215    1 of 1
Insert      Next
```

At this point the screen shows the first item in the sequence (1 of 1). Press Stop (or wait a few seconds) to return to the hymn prompt. Select the next number and press * to go back to the sequence menu.

```
New:196
Add      Next
```

Here you can press * to add it to the end of the sequence. You'd have a sequence of 215 followed by 196. Or you can press (#) to pass beyond the end of the sequence and wrap around to the beginning. You can insert the new selection anywhere within the sequence by using Next.

```
Hymn:215    1 of 1
Insert      Next
```

In this example, if you press # for the first item in the sequence, you may press * to insert a new one (196) before number 215. You'd have a sequence of 196 followed by 215, and the screen would display this:

```
Hymn:196    1 of 2
Insert      Next
```

When inserting, everything shifts up one position to the end of the sequence. If you decide you want to add your selection to the end of the sequence after all, press Next until you arrive at the end and the left menu changes to Add. It's easiest to add items in the order you want to play them.

Up to 99 items can be added to the sequence. The Add option will no longer be available once the sequence is full. You'll have to remove entries before adding another selection.

Everything you add to the sequence will include any performance changes you may have made. If you want the

music to play slower, for example, or with a different set of instruments, or with fewer stanzas, make those changes first before adding your selection to the sequence. When you play the sequence those performance changes will be applied to the respective items.

You may also make performance changes to items in the sequence. At the empty hymn prompt press * to go to the sequence menu. Press Next to move through the sequence. Change pitch, tempo, track volume or instruments as you would normally. Press a digit key to change the number of stanzas. Changes are automatically stored in the sequence.

Playing the Sequence

To play the sequence, press * from the empty hymn prompt to go to the start of the sequence. Press Play to start playing the first item. If you don't want to start at the beginning, press # (Next) to go through the sequence until you get to where you want to start, then press Play.

If you don't press any key, after a few seconds Gloria will revert to the hymn prompt and cue the sequence item you were viewing. Press Play to start playing music or press Stop to clear the display.

Gloria will cue the next item from the sequence when the current one has finished. All you have to do is press Play to start it. The sequence will loop around to the beginning, so the first item in the sequence will be cued once the last one has finished. Press Stop to clear the display if you don't want to continue with the sequence.

Press * (Sequence) while the music is playing from the sequence to play consecutively without a break between items.

List:196 Stanzas
Single

The screen changes to List, to indicate the sequence will play non-stop. In List mode Gloria will eventually stop after the last item in the sequence and cue the first one, ready to start the sequence again if necessary. Press Stop to skip playing the current item and move on to the next one in the sequence. Press and hold Stop to exit the sequence altogether and return to the hymn prompt.

While playing in List mode, press * (Single) to return to playing items one at a time from the sequence, stopping at the end of each one.

You may make performance changes while a sequence item is playing, but those changes are temporary and will not be stored in the sequence. Make the changes from the sequence menu if you want them to remain.

Removing from the Sequence

Press * from the empty hymn prompt to go to the sequence menu with nothing to add. This enables the Delete function instead of the Add / Insert function.

Hymn:215 2 of 2
Delete Next

Press # to go to the item you want to remove, then press * to delete it. The remaining items are shifted down one position. To remove the entire sequence, start at step 1 and press Delete repeatedly until all items are removed.

Musical Bridges

The *Celebremos Su Gloria* hymnal has 51 musical medleys (see the hymnal index). Any of the medleys may be stored as a sequence. The medley works best when the second and

third items in the sequence are added with the No Intro variation (see page 18).

Three of the medleys change key, and Gloria includes musical bridges to ease those transitions. Create sequences of these numbers:

Medley: 59 – 60 – 960 – 61 (bridge is #960)

Medley: 215 – 915 – 216 – 217 (bridge is #915)

Medley: 382 – 982 – 383 – 384 (bridge is #982)

Setup & Configuration

Change Gloria's configuration from the setup menu. You can select another hymnal (if there's more than one installed), add extra bass, remove the percussion track, hide alternate pitch variations, change the display language, alter the operation of the screen backlight, lengthen the delay before automatic power off, or view the serial number, software version numbers, or credits. See *Setup Menu Quick Reference* on page 34 for an overview of the menu structure.

Press (#) during the greeting to go to the setup menu.

```
** G L O R I A **  
Celebremos Su Gloria
```

Or press and hold # for about three seconds at the hymn prompt.

```
Hymn: ■■■■■■■■ CSG ■
```

Use # and * to cycle through the setup menus. Press Play to select an item. Press Stop to return to the menu top level without making a selection. Press Stop from the menu top level to return to the hymn prompt. Gloria will automatically revert to the hymn prompt after fifteen seconds of inaction.

Hymnal

Select Hymnal
< Celebremos Su Gl >

Press Play at <Select Hymnal> to choose another hymnal. Gloria can have up to ten hymnals, but you use them one at a time. Press # and * to cycle through the available hymnals. Press Play to select the displayed hymnal. Press Stop to return to the main setup menu without making a selection.

Gloria will remember your selection, and that hymnal will remain the default until you select another. See also *Reset Defaults* on page 30.

This menu is the first to be displayed if there is more than one hymnal installed. It will not appear when there is only one hymnal in Gloria.

Music Styles – Balance

Set Balance
< Flat >

Press Play at <Set Balance> to change the overall sound. Press # and * to cycle through the options. Press Play to select the displayed option. Gloria will remember your selection, and it will remain the default until you select another. Press Stop to return to the main setup menu without making a selection.

Flat


All tracks are enabled and play at the normal volume. The internal speaker amplifier is set to a neutral profile. This is the factory default.

Bass Boost



All tracks are enabled and play at the normal volume. The internal speaker amplifier is set to a profile with extra bass emphasis. Keep in mind that at high volume this may cause

the case to vibrate and rattle. Note that Bass Boost does not change the quality of sound on the Line Out connector. It only affects the internal speaker.

No Percussion

Mutes the Percussion  track. When playing individual selections you may choose the percussion track and press # to manually turn on percussion for that selection, but percussion will be turned off by default. The internal speaker amplifier is set to the neutral profile (Flat).

Orchestra 80%

Reduces the volume by 12dB on the Chords  track. When playing individual selections you may choose the chords track and press Louder  three times to restore the track to its normal volume, but chords will be quieter by default. The internal speaker amplifier is set to the neutral profile (Flat).

Orchestra 60%

Reduces the volume by 24dB on the chords track. When playing individual selections you may choose the chords track and press Louder six times to restore the track to its normal volume, but chords will be quieter by default. The internal speaker amplifier is set to the neutral profile (Flat).

Music Styles – Plain or Special

 Plain / Special
< All Special >

Press Play at <Plain / Special> to select whether alternate instrumentations and key changes should be played or not. Press # and * to cycle through the options. Press Play to select the displayed option. Gloria will remember your selection, and it will remain the default until you select another. Press Stop to return to the main setup menu without making a selection.

All Special

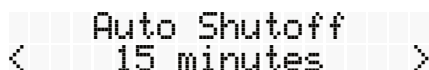
If there is an alternate instrumentation or key change then it will be played. “SPECIAL” appears on the screen after the introduction has finished. This is the factory default.

All Plain

None of the alternate instrumentations or key changes will play.

The All Special or All Plain setting can be overridden when playing individual selections. See *Style Variations* on page 16 for details.

Automatic Power Off



A screenshot of a digital display showing the 'Auto Shutoff' menu. The text 'Auto Shutoff' is on the top line, and '15 minutes' is on the bottom line. The display is flanked by left and right arrow symbols. The background is dark with light-colored text.

Press Play at <Auto Shutoff> to select how long Gloria should wait before automatically turning off due to inactivity. Press # and * to cycle through the options. Press Play to select the displayed option. Gloria will remember your selection, and it will remain the default until you select another. Press Stop to return to the main setup menu without making a selection.

See *Setup Menu Quick Reference* on page 34 for a list of options. Note that “inactivity” means no keys pressed and no music playing. However, Gloria will play endlessly in Demo mode regardless of the Auto Shutoff setting.

Screen Backlight



A screenshot of a digital display showing the 'Screen Backlight' menu. The text 'Screen Backlight' is on the top line, and 'Battery Economy' is on the bottom line. The display is flanked by left and right arrow symbols. The background is dark with light-colored text.

Press Play at <Screen Backlight> to change how the backlight is used. Press # and * to cycle through the options. Press Play to select the displayed option. Gloria will remember your selection, and it will remain the default until you select

another. Press Stop to return to the main setup menu without making a selection.

Never

The screen backlight is turned off. Select this option if light from the screen might be a distraction, such as when quietly listening to music before sleep.

Economy

The backlight turns on when keys are pressed or the volume knob is turned, and turns off again after eight seconds of no user interaction.

Battery Economy

The backlight operates as the Economy option when Gloria is powered by batteries, and remains always on when powered by an external adapter. This is the factory default.

Always

The screen backlight is always on. It is the most convenient option, but keep in mind that it also uses more power if you're often using batteries.

Reset Defaults



1 Reset Defaults
Push Play to Confirm

Press Play at <Reset Defaults> to return all settings to their factory defaults. Press Play again to confirm. Press Stop to return to the main setup menu without changing anything.

This changes Gloria back to the factory default language, the factory default hymnal (if more than one hymnal is installed), the factory default copyright licensing region, the Flat balance, the All Special style, 15 minutes to auto shutoff, and Battery Economy backlight operation. All sequence items are

cleared and the demo is reset to start at the first number in the hymnal.

Language

```

  < Language
    English >

```

Press Play at <Language> to change the display language. Press # and * to cycle through the options. Press Play to select the displayed option. Gloria will remember your selection, and it will remain the default until you select another. Press Stop to return to the main setup menu without making a selection.

Titles will be displayed in the selected language if that language is included in the hymnal. Otherwise, they will be displayed in the hymnal's default language.

Serial Number & Software Versions

Press Play at <System Info> to display Gloria's serial number, software version numbers, and memory use. These may be requested if you contact Gloria Music Corporation about warranty claims or upgrades. Press # and * to cycle through the items. Press Stop to return to the main setup menu.

```

  < Software Version >
    4.0.2.20

```

The software version reflects the features and capabilities included in your Gloria. From time to time, Gloria Music may update the software to improve capabilities or add new features. Visit our website at <https://gloriamusic.com> for the latest version of software, and to find instructions on how to update your Gloria.

```
< Serial Number >
0804348-10-0020-0035
```

The serial number uniquely identifies your Gloria, and can be used to determine when and where it was manufactured, along with the original sale date.

```
< Hymnal >
CSG v5.6 14%
```

The hymnal code and version identifies the currently selected hymnal. If you have more than one hymnal installed, select each one in turn with the <Select Hymnal> menu and return to the <System Info> menu to see the version of that hymnal.

The percentage displayed is the amount of flash memory used by all the installed hymnals.

```
< Sounds >
Gloria4 v1.7
```

The Sounds version identifies the instrument set installed. Gloria Music may update the instruments to improve the sound quality. Visit our website for the latest version.

Credits

```
Credits
This Gloria Digital
```

Press Play at <Credits> to scroll the credits and copyright message. Gloria will return to the hymn prompt when the credits have finished scrolling. Press Stop to return to the main setup menu.

This Gloria Digital Orchestra is dedicated to the glory of God, to accompany singing and to enhance the worship and praise of Christians all over the world. Tunes with the © symbol are protected by copyright. Gloria uses them with permission from their owners.

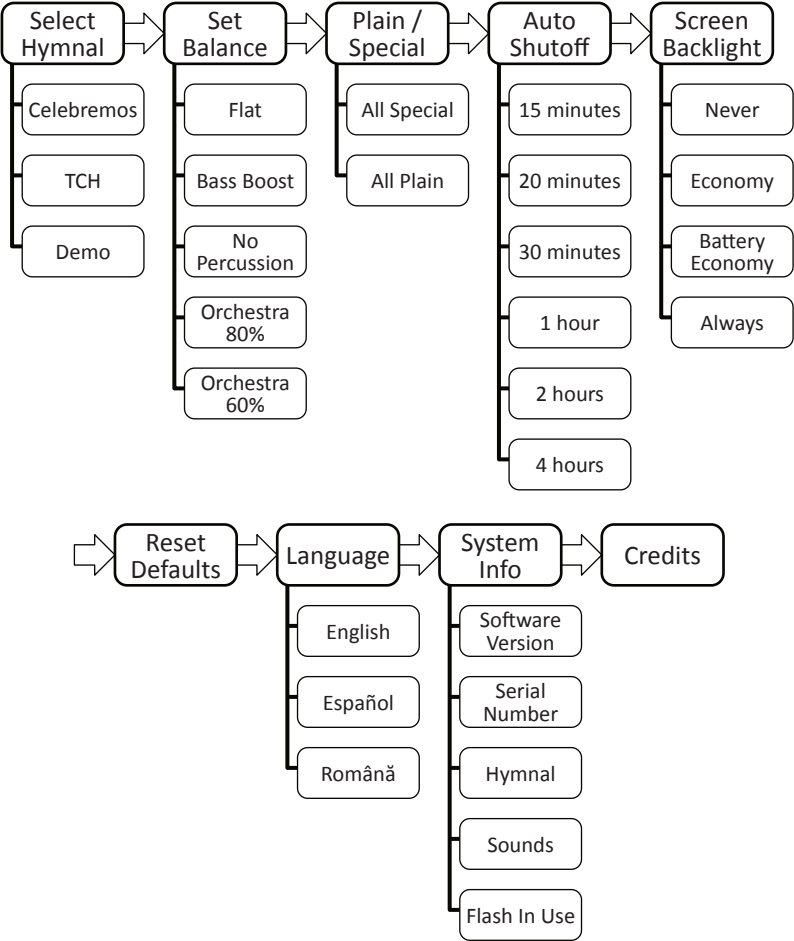
*The music arrangements, software and hardware of Gloria are also protected by copyright © 2019 Gloria Music. They may not be copied nor reproduced without permission. ** Leadership: Tim Anderson ** Design: Stephen Rothlisberger ** Music: John Wilson ** Production: Ken Lundgren ** "I thank my father, Andrew Rothlisberger, who with love and patience created my interest in electronics, making Gloria possible." Stephen ** "We are grateful to the Lord for His provision of a marvelous group of encouragers and enablers from many countries for this exciting project." Tim & Lynn ***

A Note on Copyright

The music that is under copyright in this Gloria Compact Digital Orchestra has been licensed by the owners of the music to Celebremos/Libros Alianza in the case of *Celebremos su Gloria* and to Gloria Music Corporation in the case of *The Celebration Hymnal*. See the list of owners in the index.

Due to restrictions by certain owners, #169, #358 and #426 in *Celebremos su Gloria* cannot be used in North America (U.S., Canada and Mexico). If you are using Gloria in another area of the world, please contact us and we will help you activate these numbers. #218 in *Celebremos su Gloria* is not available in Gloria. Other hymnals may also have restrictions.

Setup Menu Quick Reference



Power

Gloria can be powered from standard alkaline batteries, from rechargeable batteries (sealed lead acid, NiCd, NiMH, Lithium Ion), from an AC power adapter, or from a vehicle power adapter. A 100-240Vac universal power adapter is included with Gloria, but you will need to supply batteries or other power sources yourself. See *Accessory Kits* on page 39.

The optimum input voltage ranges between 6V and 12V, although Gloria will operate on voltages as low as 4V and as high as 15V. If the voltage is too low, you risk having Gloria automatically shut down during play, especially at moderate to high sound volumes.

If the voltage is too high, you risk having the automatic protection circuit shut down Gloria to prevent damage. If this happens, remove all power sources immediately (including batteries), check the input voltage and re-connect power.

The internal batteries are disconnected when you connect an external power source.

Batteries

The battery compartment is on the bottom of the unit. Pull both release tabs to remove the cover. Four 1.5V D cells are required. Ordinary or heavy-duty flashlight batteries are not recommended because of the high current drain when playing music at loud volume. You will get much better battery life from alkaline cells, especially when using the internal speaker.

You may also use NiCd or NiMH rechargeable D cells, although they'll supply fewer hours of music play. Sealed lead acid (SLA) or Lithium Ion rechargeable batteries with suitable adapters are also good options, as long as you observe the input voltage limits. Two 18650 Lilon cells work well.

When using D cells, a "Low Battery" warning message will flash on the screen if the battery voltage is low.

CAUTION: Always remove weak batteries. Also remove batteries if Gloria will not be used for some time or if it will be shipped. Leaking batteries can cause permanent damage.

External Power

The included AC power adapter is optimized to meet Gloria's requirements. Please contact your Gloria distributor or Gloria Music Corporation for a replacement if your adapter is damaged.

Other power adapters with the right voltage, current capacity and plug polarity will also work. See *Specifications* on page 42 for details.

WARNING: Many inexpensive AC power adapters have a voltage output much higher than the rated voltage, and can trigger the automatic protection circuit or even cause damage. It's generally not safe to use an unregulated adapter rated at 12V output. If you must use an adapter other than the one supplied, measure the output voltage with a voltmeter and verify it does not exceed 15V when unconnected. Verify the center pin is negative.

Car Battery Cord

You may use a 12V accessory cord that plugs into the car accessory receptacle (cigarette lighter). The DC plug must have clearance for a 2.1mm pin (internal diameter) and a 5.5mm external diameter, with the center pin negative. If the adapter comes with several plugs, be sure to choose the proper plug and polarity. This cord should include a 2A fuse for protection against fire.

DC Power

You may use a 6V to 12V motorcycle, car, or lantern battery to power Gloria, connected with a DC power cord available from Gloria Music Corporation as an Accessory Kit (see page 39).

Things to Keep in Mind

If you use the internal speaker while using external power, you may want to have D cells in the battery compartment for

better overall sound quality. At high volume the battery contact springs will vibrate and buzz in an empty battery compartment.

Gloria has no built-in charging capability. You may use rechargeable batteries with Gloria, but connecting external power will not charge them.

Gloria has a micro USB connector for loading software updates. This is the same kind of connector phones typically use for charging. However, Gloria cannot be powered through this connector. **Please do not plug a phone charger into Gloria's USB connector.**

Audio Output

Gloria has a line out jack for connecting to an external amplifier and speaker system. This could be a church PA system, a portable guitar amplifier, or even a set of powered computer speakers. The music quality will be better, especially in a large room or church.

Connect a ¼" stereo plug and cable to Gloria, and connect the other end into the amplifier line input. Do not use a low impedance (microphone) input. You may need a ¼" plug adapter if your cable has a different plug. Note that a professional audio cable wired for a balanced line may not work. In that case try inserting the plug partway into the Gloria line out jack, or use a balanced to unbalanced adapter, or use a standard (unbalanced) cable.

You may also use a mono plug and cable. Gloria will detect the mono plug and automatically mix the two stereo channels into a single mono channel. Note that if the volume is low on Gloria there may not be enough signal for Gloria to reliably

detect the missing stereo connection. Set the volume above 30 for correct mono selection.

By default, music is played through Gloria's internal audio amplifier and speaker. The internal speaker is disconnected when you plug a cable into the line out jack. This saves power and extends battery life. You can continue to control the volume with Gloria's volume knob. The best setting will depend on the nature of the equipment you're connecting to. For consumer amplifiers you should get good results at moderate volume settings, say between 30 and 40. For professional amplifiers you may need a higher volume setting, around 50 to 60.

You may also listen privately on headphones. Plug stereo headphones into the line out jack, disabling the internal speaker. Gloria is capable of powering most headphones from this jack.

Expansion & Customization

You may add other hymnals to your Gloria, or you may create a hymnal with music of your own. Load new content onto a USB memory stick, and then connect the memory stick to Gloria's USB port with a USB-OTG adapter cable, common to many smartphones. For information about additional hymnals visit our website at <https://gloriamusic.com> or contact us at sales@gloriamusic.com.

Creating music of your own can be a lengthy process; our website has a detailed manual that explains how to do it. The website also has instructions on how to load ready-made hymnals and how to update Gloria's software.

Accessory Kits

Accessory kits available from Gloria Music Corporation include:

- DC battery cord, with 2A fuse.
- Audio adapter, ¼" plug to RCA.
- Audio adapter, ¼" plug to mini phone plug.
- USB A to micro-USB adapter, for loading new hymnals and software updates.
- Solar panel with rechargeable lithium ion batteries. Bright sunlight will fully charge the batteries in about eight hours, providing about twelve hours of music play. The batteries fit in the battery compartment.

Keypad Reference



Standard Functions

Play	Power on. Start playing selection at hymn prompt. Resume playing while paused.
Stop	Stop playing music. Return to blank hymn prompt. Power off (long press from hymn prompt).
Pause	Immediately pause the music playing.

Sustain	Hold notes currently playing for as long as the key is pressed.
Digits	Type number of hymn or song.
Tracks	Select individual track for independent adjustment of volume, instrument, or mute.
Instruments	Change to the selected instrument. And Digit: additional instruments in that set. And Left or Right Menu: more instrument sets. Press Track then Instrument: change the instrument of one track.
Ensemble	And Instrument or Digit: change music to a preset collection of instruments.
Pitch	Change the pitch (key).
Volume	Change the volume. Press Track then Volume: change the volume of one track.
Tempo	Change the tempo (speed).
Left/Right Menu	Select the function displayed in the bottom corner of the screen.

Alternate Functions

Play	Start playing demo (from greeting screen). Start demo at user-selected number (long press from hymn prompt). Restore default performance settings (long press while playing). Start alphabetic title search (from blank prompt). Select displayed title (alphabetic search). Select menu item (setup menu).
------	--

Stop	Skip to next number (during demo). Stop demo (long press during demo). Up to previous menu level, exit from menu (setup menu).
Pause	Select style variations (from hymn prompt).
Digits	Set number of stanzas (while playing). 1–9: Type characters; 0: move cursor to next character (during alphabetic search).
Right Menu	Hold for fast forward during tempo display. Setup menu (long press from blank prompt).
Synthesizer	Complete instrument menu (long press).

Specifications

General

Dimensions	9" x 6.5" x 3.5" LxWxH (229mm x 165mm x 89mm)
Weight	1.9 lbs (865 g) without batteries 3.2 lbs (1,440 g) with batteries
Storage Temperature	-4°F to 122°F (-20°C to 50°C)
Operating Temperature	32°F to 104°F (0°C to 40°C)
Batteries	Four 1.5V alkaline D cells, or 6V 1.3Ah sealed rechargeable, or two 3.7V 2.2Ah Lithium 18650 cells




Electrical

Input Voltage	6Vdc to 12Vdc nominal (minimum 4V, maximum 15V)
Input Current (at 6V)	42mA idle (on, but not playing) 105mA playing through line out (no speaker) 1,300mA RMS playing at maximum volume with internal speaker
Audio Output	0dBV (1.0Vrms) up to 62mW into 16 Ω headphones up to 31mW into 32 Ω headphones

Connectors

DC Input	DC power jack: 5.5mm outside with 2.1mm center pin, center pin is negative
Audio Output	¼" (6.3mm) stereo phone jack (unbalanced)
USB	USB 2.0 Micro-USB B (USB-OTG)

Instrument Keys Reference

	1 ABC	2 DEF	3 GHI	4 JKL	5 MNO
	Alto Sax	Tenor Sax	Oboe	English Horn	Bassoon
	Nylon Guitar	Steel Guitar	Jazz Guitar	Clean Elec. Guitar	Koto
	Acoustic Bass	Fingered Bass	Picked Bass	Fretless Bass	Slap Bass 2
	Trumpet	Trombone	Tuba	French Horn	Synth Brass 2
	Violin	Viola	Cello	Contrabass	Pizzicato Strings
	Daybreak	Reflections	Back Home	Halo	Atmosphere
	Acoustic Grand Piano	Bright Piano	Electric Grand Piano	Honkytonk Piano	Electric Piano 1
	Church Organ	Drawbar Organ	Rock Organ	Reed Organ	Accordion
	Glockenspiel	Music Box	Vibraphone	Percussive Organ	Dulcimer
	Sitar	Chiffer	Bag Pipes	Fiddle	Shanai



Clarinet

Flute

Piccolo

Recorder

Pan Flute

Banjo

Muted Elec.
Guitar

Shamisen

Synth
Bass 2

Slap
Bass 1

Synth
Bass 1

Blown
Bottle

Whistle

Ocarina

Brass
Section

Synth
Brass 1

Orchestral
Harp

String
Ensemble 1

String
Ensemble 2

Tremolo
Strings

Whisper

Choir
Aahs

Voice
Lead

Polysynth

Tubular
Bells

Electric
Piano 2

Harpsichord

Clavinova

Celesta

Marimba

Harmonica

Tango
Accordion

Synth
Voice

Soprano
Sax

Baritone
Sax

Crystal FX

Square
Lead

Kalimba

Xylophone

Choir
Oohs

Steel
Drums















Sci-fi FX

Synth
Strings 1

Synth
Strings 2

Shakuhachi

Ensemble Key Reference

				
 Sax Family	Alto Sax	Alto Sax	Alto Sax	Tenor Sax
 Country	Jazz Guitar	Steel Guitar	Steel Guitar	Picked Bass
 Down Home	Fiddle	Tango Accordion	Accordion	Fingered Bass
 Big Brass	Trumpet	Trumpet	Trombone	Tuba
 Strings	Violin	Viola	Cello	Contrabass
 Gospel Organ	Reed Organ	Drawbar Organ	Drawbar Organ	Fretless Bass
 “Far Out” Combo	Voice Lead	Daybreak	Back Home	Synth Bass 2
 Cathedral	Church Organ	Church Organ	Church Organ	Church Organ
 1 ABC	Warm Brass	French Horn	Tuba	Tuba



2
DEF

Smooth
Brass

Tuba

Synth
Brass 2

Synth
Brass 2

Tuba

3
GHI

Wallpaper

Flute

Synth
Strings 2

Synth
Strings 2

Fretless
Bass

4
JKL

Wind
Choir

Piccolo

Oboe

Clarinet

Bassoon

5
MNO

Swimming
Strings

Synth
Strings 1

Synth
Strings 2

Synth
Strings 2

Fretless
Bass

6
PQR

Warm
Strings

String
Ensemble
2

Synth
Strings 1

Synth
Strings 1

Fretless
Bass

7
STU

Warm
Woodwinds

Ocarina

Flute

Recorder

Fretless
Bass

8
VWX

Vocal
Sound
"Ahh"

Choir
Aahs

Choir
Aahs

Choir
Aahs

Fretless
Bass

9
YZ

Vocal
Sound
"Ooo"

Choir
Oohs

Choir
Oohs

Choir
Oohs

Fingered
Bass

0

Guitar
Picker
Special

Clean
Elec.
Guitar

Muted
Elec.
Guitar

Muted
Elec.
Guitar

Picked
Bass

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