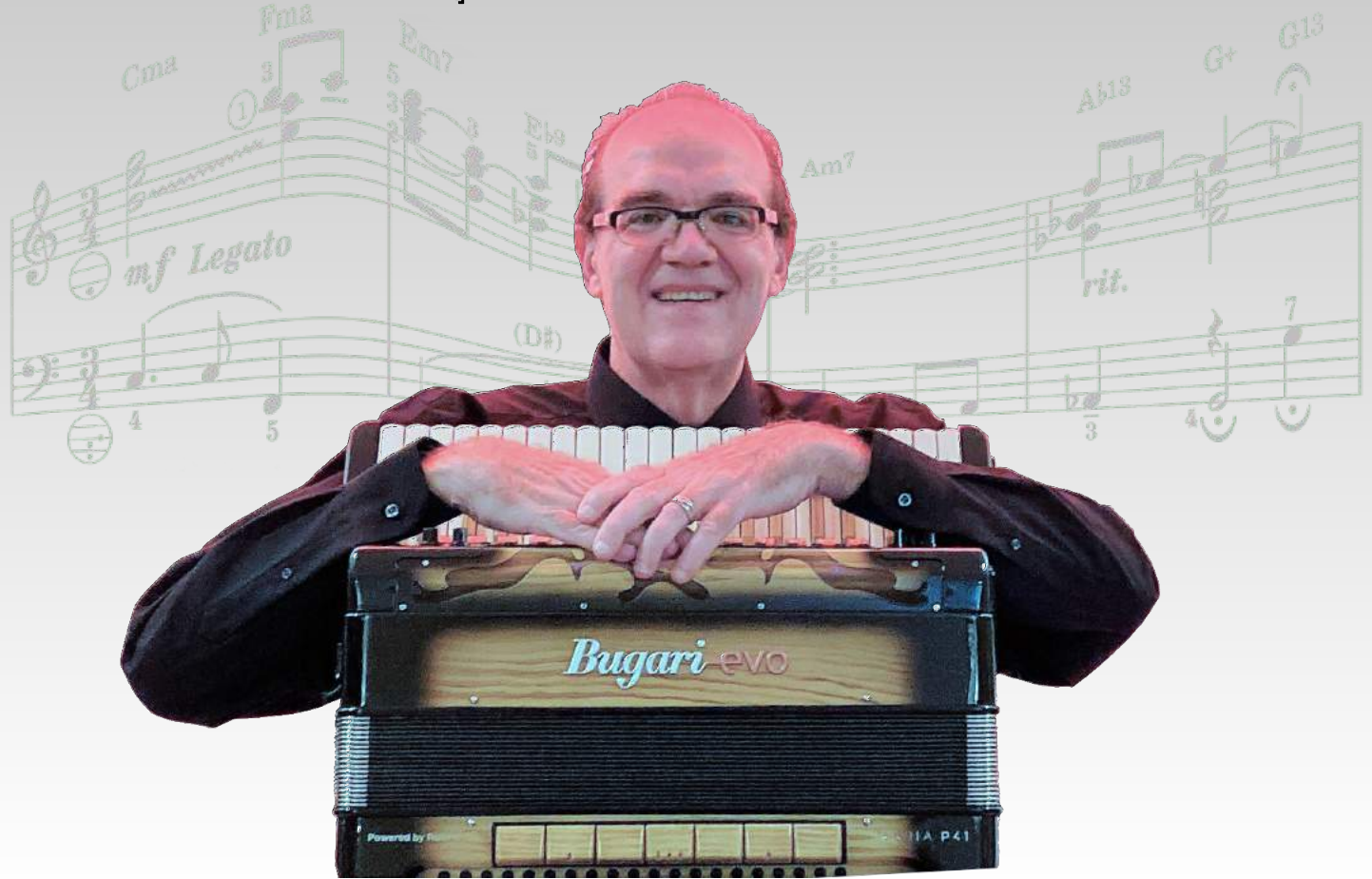


GDTLC presents



Essentials Collection

Acoustic Edition

A core set of digital programming resources for the Bugari Evo and Roland FR-8X.

Introducing:

All new Sets based on the popular Borsini SuperStar

Essentials Collection by **GDTLC** Acoustic Edition

Thank you for purchasing digital sound programming from *Gary Dahl—the Legacy Continues*. The **Essentials Collection/Acoustic Edition** is packaged especially for musicians who enjoy the acoustic accordion sounds of the Roland and Bugari digital accordions. This collection consists of the two acoustic accordion sets of the **Essentials Collection** which introduce the Borsini SuperStar.

The **Essentials Collection** is the foundation collection of digital accordion resources from GDTLC. It introduces the Borsini SuperStar sets—first of its kind availability of core sets based on Borsini’s top-of-the-line instrument. Using the Roland sound engine, the tone, timber and color of the Borsini SuperStar are faithfully reproduced with a range of musette tunings.

The **GDTLC Essentials Collection/Acoustic Edition** is intended for use with the following:

- Roland FR-8x V-Accordion
- Bugari Evo Haria (all models)

To get the best functionality and to minimize any possible problems, please read and follow the Installation and Use instructions included in this document.

The Finishing Process

All digital programming from GDTLC undergoes a comprehensive finishing process. This process includes placing each instrument or reed at the desired location in the sound field, balancing volume according to its role with other instruments or reeds, and blending and optimizing the sound of each instrument or reed using a number of other signal processing steps. This comprehensive finishing process produces mellower smooth sounds, crisper bright sounds, and well optimized sound combinations yielding a rich, full, and professional sounding result.

Volume is a particular area of focus. Recorded music underwent a number of years of “more volume is better” thinking—often referred to as the volume wars in radio. Now it is generally accepted among audio engineers that high compression can be fatiguing and washes out the music. Instead, our finishing process allows for a wide dynamic range with thoughtful proportion among the instruments/reeds and between treble and bass. With plenty of signal headroom left after finishing, the performer is in full control of the sound dynamics.

INSTALLATION BACKGROUND

Digital accordions by Roland can store 1,400 set registers and 1,400 user programs. Having an organized approach to how these are stored is essential to being able to locate the one you want when you want it and to moving smoothly from one to another during a performance. To begin, one should understand the basic structure and function of the instrument.

SETS

A **Set** refers to a collection of settings that comprise one accordion and one synthesizer:

- 14 treble registers
- 7 bass registers
- 28 synthesizer treble registers (2 per switch)
- 14 bass synthesizer registers (2 per switch)

A Set is stored in one of 100 set locations, numbered from 1 to 100. When the instrument first starts, it is in Set mode (meaning one Set is active), located at your designed default Set. You can then move up or down the Sets numerically, or jump to a desired Set using the Set control buttons. In addition to the Set, there are a number of common settings (common settings are separate from the Sets), like volume and treble/bass balance, that you can select and that stay the same as you move from Set to Set. The Roland FR-8x comes from the factory with 37 pre-loaded Sets in locations 1 through 37. Other Sets are available from Roland as Expansion Sets.

In addition to the numbered Sets, there is a single special Set called the Working Area, designated as “WA” in the Roland display. The WA is located at what would be location 101. When you change a Set setting manually through the menus, everything is copied to WA and it becomes the active Set. The WA is lost when you turn off the instrument. This allows you to experiment with Set changes and either save them (through the Menus) or allow them to be discarded when you turn off the instrument.

SET MAP

A Set Map is simply a list of how you are organizing your Sets. Using ranges for specific uses helps keep things organized. For example, factory sets starting at 1 forward, purchased sets starting at 100 growing backwards, and your own sets in

the middle, such as starting at 50. You'll know where to put new sets, and you know where to look for ones you already have. Once you decide on ranges, you simply keep a list of individual sets and their locations written down for reference. This also lets you know where your empty space is. Consult the list whenever you are installing purchased sets or creating new sets yourself.

Of course, with only a few sets, you may not need a Set Map. If your sets start to accumulate, you can start a map at any time.

GETTING YOUR FILES

You should have received all of your files in an email, packaged together in a file archive called a .ZIP file. Your files will need to be uncompressed and separated in a process called Extraction. All editions of Windows have this capability. So does almost every other operating system.

After receiving your product delivery email, begin by saving the attached ZIP file to your preferred location on your computer. We recommend using a new file folder called GDTLC, located wherever you keep your data.

After saving the ZIP file, simply double click it and you will see a File Manager type window with an Extract tab and a toolbar tool labeled Extract all. Press the Extract all icon. This will show a pop-up asking you to select a destination for the extracted files. Select whatever location you prefer; we recommend the same GDTLC folder that contains the ZIP file.

Once you select your destination, press the Extract button. All of your files will be uncompressed and copied as individual files to your selected destination.

The files you receive will be:

- This users guide (PDF file).
- A folder called Sets, containing two .ST8 files. Always install these first when it is time to install files.
- A folder called Banks, containing 6 user program bank files (UPB). Install all six of these files for a complete installation. This is the simplest way to install your complete product.
- A folder called UPGS, containing 84 individual user programs. If you want to do a custom installation, use this folder instead of Banks. This allows you to pick and choose, install to a variety of locations, install in a different order, or install only a subset of UPGs. This is more complex to do, but gives you more control of your configuration.

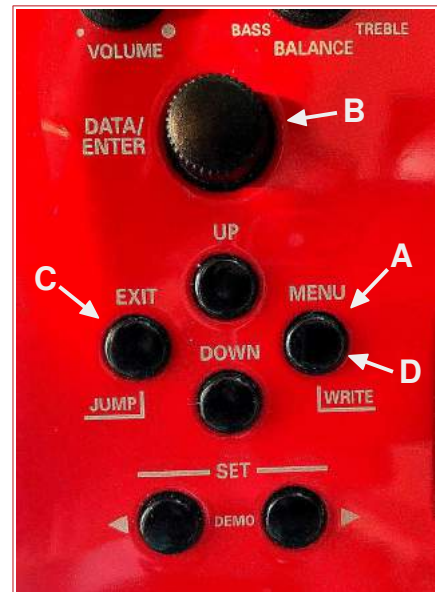
When later instruction refer to copying files to a USB flash drive, the files described above are the ones to copy. Everyone should install the Sets files. Most people will

then install the Banks files. You may use the UPGS files instead of the Banks files (or in addition). However, the Banks folder alone will give you a complete set of UPGs. The UPGS folder is for the convenience of those who wish to do a custom installation, and does not need to be used by others.

MENUS

Throughout the installation section, it is necessary to use the Roland Menu system to perform various functions. There are three menu controls located above the treble registers when in the playing position. These controls are:

- A) The MENU (activation) button. Press this button to enter into the menu system on the display.
- B) The SCROLL KNOB (labeled as DATA/ENTER). Turn this knob clockwise to scroll up, and counter-clockwise to scroll down each menu or data area. Press this knob in to SELECT the currently highlighted item.
- C) The MENU EXIT button. Press this button to return up one level of menu, or for the highest level menu, to exit the menu system. This button is also used to deselect a highlighted item. You can think of it as a “go back” button.
- D) The MENU button is also the WRITE button, used to access the USB drive. Use this, when prompted to press “WRITE”, by holding in the button until it activates.



INSTALLATION

BACKING UP YOUR DATA

The very first step in installing **GDTLC's Essentials Collection** should be to back up your current data. Although installation is not an overly complex process, there is the potential to impair part of your instrument, or overlay existing resources. Having a current backup makes recovery in this case simple and straight forward. Always back up your data as the first step of installing this or any product.

There is no function that will back up the Roland system itself or installed Expansion Sound binary files. These can be restored, if needed, by re-installing files from Roland. See the Roland website in the rare case this becomes necessary.

There is a utility that will export sets and user programs (the data of the system). You should use this utility to make a copy of all of your sets and user programs before beginning an installation.

1.) To back up all of your data, insert a working USB flash drive in the USB Memory port. Power on your system, then use the menu system to go to menu 15.8.

STEP-BY-STEP
Press the MENU button.
Scroll the DATA/ENTER knob to UTILITY 15 .
Press the DATA/ENTER knob to select.
Scroll the DATA/ENTER knob to EXPORT 15.8 .
Press the DATA/ENTER knob to select

2.) Select to export all Sets

STEP-BY-STEP
Scroll the DATA/ENTER knob to Type field.
Press the DATA/ENTER knob to select this field.
Scroll the DATA/ENTER knob to set the value to SET .
Press the DATA/ENTER knob to select this value.
Scroll the DATA/ENTER knob to SET File field.
Press the DATA/ENTER knob to select this field.
Scroll the DATA/ENTER knob to set the value to ALL .

3.) Name the exported file and perform the export.

STEP-BY-STEP

Press the **WRITE** button to show the USB directory and default file name to be written.

Use the **DATA/ENTER** to scroll and select letters for a name change, if desired.

Press the **WRITE** button to perform the export of all sets.

The export operation will take a few minutes. A message will indicate when the export is complete.

PREPARATION

All versions of Bugari Evo branded accordions have compatible system software. However, for Roland branded accordions, the **GDTLC Essentials Collection** depends on the system software version installed on your instrument to be version 2.50 or higher. When you turn the power on, the system software version is shown in the display. If your software version is less than 2.50, you'll need to upgrade it in order to use the **GDTLC Essentials Collection**. See the Roland website (www.roland.com) for instructions and files for updating your system software.



For all instruments, the **GDTLC Essentials Collection** depends on a broad range of pre-installed tones. Prior to installing the Essentials Collection, make sure that your accordion has these 4 Sound Expansions installed:

- A: Alpine (ALPINE)
- B: Orchestra (AccOrchestra)
- C: FR-8x Special Strings (8xSP String)
- D: FR-8x Special Guitar & Brass (8xSp Gtrs&Brs)

Depending on your model and when you purchased it, you may have some of these Sound Expansions installed from the factory. For any Sound Expansion that you still need, the Roland End User License Agreement requires that you obtain them directly from the Roland website. Their site will allow you to download a ZIP file for each Sound Expansion that you need. Each ZIP file will contain a number of files. Only the xxxx.bin file needs to be installed for the **GDTLC's Essentials Collection**. Install the Sound Expansion UPG files at your own choosing.

SOUND EXPANSIONS

For *each* Sound Expansion needed, do the following:

1. Locate the Downloads page for the FR-8x on the Roland website (www.roland.com). "Googling" 'Roland FR-8x sound expansion' can be helpful in locating it. Or you can go through the Roland site's menus, selecting Keyboards, V-Accordion, FR-8x, and then Downloads.

For convenience, you can also use this direct link as long as Roland does not change their site. <https://www.roland.com/global/products/fr-8x/downloads/>

2. Select the desired Sound Expansion, accept the End User License Agreement and download the single ZIP file.

3. Open the ZIP file and extract all files to a location of your choosing on your PC; then copy the xxxxx.bin file to a (preferably empty) USB flash drive. xxxxx will match the name of the sound expansion; for example DALLAPE.bin will be in the Dallape Sound Expansion.
4. Repeat steps 1 through 3 for each needed Sound Expansion, adding the xxxxx.bin files to the USB drive.
5. With your digital accordion powered off, place the USB drive into your digital accordion's USB Memory port. Press the Power button to power on.
6. Once started, go to menu item 15.10 (Sound Expansion).

STEP-BY-STEP
Press the MENU button.
Scroll the DATA/ENTER knob to UTILITY 15 .
Press the DATA/ENTER knob to select.
Scroll the DATA/ENTER knob to EXPANSION SOUNDS 15.10 .
Press the DATA/ENTER knob to select

7. Set the memory area to the desired location (one of A thru D) and set the action to load.

STEP-BY-STEP
Scroll the DATA/ENTER knob until MEMORY AREA is your choice of A thru D .
Press the DATA/ENTER knob to select and move to ACTION .
Scroll the DATA/ENTER knob until ACTION is load .

8. Press the write button to access the USB and select the desired xxxx.bin file to load.

STEP-BY-STEP
Press WRITE and scroll the DATA/ENTER knob until the desired xxxx.bin file is highlighted.
Press WRITE again to load the file. This may take a few minutes.

9. Repeat 7 and 8 for each Sound Expansion file to be loaded, selecting the desired location each time.

INSTALLING SETS

Before installing the Sets, make sure you have the correct system software version and Sounds Expansions, as described above. Our Sets will not function correctly without them. If you install the Sets without a needed Sound Expansion, some sounds will be missing from your Sets. To correct this, simply install the Sound Expansion (according to directions above) and re-install the Sets.

The **Essentials Collection** Sets install the same way as any other Set. To install Sets:

1. Prior to installing, consult your Set Map and decide the location number where you wish to install your Sets.
2. Place your Set files on a USB flash drive.
3. With your digital accordion powered off, place the USB flash drive into your digital accordion's USB Memory port, and press the Power button to power on the instrument.
4. Go to the Import menu (15.9).

STEP-BY-STEP
Press the MENU button.
Scroll the DATA/ENTER knob to UTILITY 15 .
Press the DATA/ENTER knob to select.
Scroll the DATA/ENTER knob to IMPORT 15.9 .
Press the DATA/ENTER knob to select

5. Set the import to a single Set, and assign the location number you decided.

STEP-BY-STEP
Scroll the DATA/ENTER knob to the Type line.
Press the DATA/ENTER knob to select and move to VALUE field.
Scroll the DATA/ENTER knob until VALUE is SET .
Scroll the DATA/ENTER knob to the Dest. SET line.
Press the DATA/ENTER knob to select and move to VALUE field.
Scroll the DATA/ENTER knob until VALUE is your desired set number.

6. Select the Borsini set file and write it to the set location.

STEP-BY-STEP

Press **MENU** to view the available files.

Scroll the **DATA/ENTER** knob to highlight the **Borsini_SS_Stock.ST8** set file.

Press **WRITE**, and the Set will be written to the set location (installed)

7. Repeat steps 5 and 6, selecting a new set location and the **Borsini_SS_Hybrid.ST8** set file.
8. When finished, press **EXIT** several times to return to you the main display.
9. Test your new sets functioning, and make sure they are located where you intended.

Borsini Set Details

Set 1. Bor SS is a modeled 2013 Borsini Superstar IV, as from the factory

Set	Reg.	Reed(s)	Tone Chamber	Voice Name	Recommended Bass Register	Notes
1	1	L	L	Bor Bass	5	Smooth Bassoon
1	2	L	none	Bor Bas+	5	Mid Punch Bassoon
1	3	LM	LM	Bor Ban	5 or 4	Bandoneon
1	4	LMM	L	Bor Sax	5 or 4	0c/+14c (4.4 bps at C5)
1	5	LMM	LM	Bor Horn	5 or 4	-12c/0c (3.6 bps at C5)
1	6	LMM	LM-	Bor Acc	5 or 6	-12c/+14c (8.0 bps at C5)
1	7	LMMM	LM	Bor Mas1	4	-12c/0c/+14c (8.0 bps at C5)
1	8	LMMM ^H	LM ^H	Bor Mas+	4	-12c/0c/+14c (8.0 bps at C5)
1	9	MM	M	Bor Vio	5	-12c/0c (3.6 bps at C5)
1	10	MM	M	Bor Vio+	5	0c/+14c (4.4 bps at C5)
1	11	MM	M	Bor Vio++	5 or 4	-12c/+14c (8.0 bps at C5)
1	12	M	M	Bor Clar	4	Smooth Clarinet
1	13	M+	none	Bor Flut	4	Thin, Non-Chambered
1	14	H	H	Bor Pic+	1, 2, 3	Hybrid 4'

The **Bor SS** set is an acoustic set and does not include any orchestral instruments for bass or treble.

Set 2. Bor Hyb is a modeled 2013 Borsini Superstar IV with digitally adjusted tuning for more mild musette options*

Set	Reg.	Reed(s)	Tone Chamber	Voice Name	Recommended Bass Reg.	Notes
2	1	L	L	Bor Bass	5	Smooth Bassoon
2	2	L	none	Bor Bas+	5	Mid Punch Bassoon
2	3	LM	LM	Bor Ban	5 or 4	Bandoneon
2	4	LMM	L	Bor Sax	5 or 4	0c/+6c (1.6 bps at C5)
2	5	LMM	LM	Bor Horn	5 or 4	0c/+4c (1.2 bps at C5)
2	6	LMM	LM-	Bor Acc	5 or 6	0c/+8c (2.4 bps at C5)
2	7	LMMM	LM	Bor Mas1	4	8 cent Musette (2.4 bps at C5)
2	8	MMMH	LMH	Bor Mas+	4	6 cent Musette (1.6 bps at C5)
2	9	MM	M	Bor Vio	5	0c/+4c (1.2 bps at C5)
2	10	MM	M	Bor Vio+	5	-6c/+7c (4.0 bps at C5)
2	11	MM	M	Bor Vio++	5 or 4	-6c/+10c (5.2 bps at C5)
2	12	M	M	Bor Clar	4	Smooth Clarinet
2	13	M+	none	Bor Flut	4	Thin Non-Chamber
2	14	H	H	Bor Pic+	1, 2, 3	Hybrid

Digital tuning allows each register to have it's own set of reeds and detuning level, providing a greater variety than is possible with physical reeds.

The **Bor Hyb** set is an acoustic set and does not include any orchestral instruments for bass or treble.