

Roland®

FR-3 FR-3*b*
FR-3_s FR-3_{sb}



Quick Start

WARNING – To reduce the risk of fire or electric shock, do not expose this device to rain or moisture.



For EU Countries

This product complies with the requirements of European Directive EMC 89/336/EEC.
Dieses Produkt entspricht der europäischen Richtlinie EMC 89/336/EEC.
Ce produit est conforme aux exigences de la directive européenne EMC 89/336/EEC.
Questo prodotto è conforme alle esigenze della direttiva europea EMC 89/336/EEC.
Este producto cumple con la directrice EMC 89/336/EEC de la CE.
Dit product beantwoordt aan de richtlijn EMC 89/336/EEC van de Europese Unie.

For the USA

FEDERAL COMMUNICATIONS COMMISSION RADIO FREQUENCY INTERFERENCE STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Unauthorized changes or modification to this system can void the users authority to operate this equipment.
This equipment requires shielded interface cables in order to meet FCC class B Limit.

For Canada

NOTICE

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

AVIS

Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

For the U.K.

IMPORTANT: THE WIRES IN THIS MAINS LEAD ARE COLOURED IN ACCORDANCE WITH THE FOLLOWING CODE.

BLUE: NEUTRAL
BROWN: LIVE

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured BLUE must be connected to the terminal which is marked with the letter N or coloured BLACK.
The wire which is coloured BROWN must be connected to the terminal which is marked with the letter L or coloured RED.
Under no circumstances must either of the above wires be connected to the earth terminal of a three pin plug.



This product must be disposed of separately at your local waste recycling centre.
Do not dispose of in household waste bin.

The technology used in the FR-3s, FR-3sb, FR-3 and FR-3b is covered by U.S. Patent No. 6.946.594.

Roland

FR-3

FR-3^b

FR-3_s

FR-3_{sb}



Quick Start

Thank you for purchasing the Roland FR-3 V-Accordion. The FR-3 is an amazingly versatile electronic instrument that can emulate the sounds of a vast array of accordions. This Quick Start booklet will walk you through the FR-3's main functions. It does not explain everything, so be sure to also read the Reference manual, where the edit functions and procedures are introduced.

The Quick Start booklet only shows you how to use the FR-3 like an acoustic accordion – even though it also scratches the surface of the potential of Roland's proprietary PBM technology.

This manual applies to four instruments:

FR-3s & FR-3 (the keyboard versions) FR-3sb & FR-3b (the button versions)

For reasons of space, we will use the term "FR-3" to refer to all four of them, and only use "FR-3s" and "FR-3sb" functions that are only available on the versions with speakers.

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1. Setting up

Connections

The FR-3 has a compartment for 10 optional AA-type batteries. Consider purchasing such batteries when performing on stage.

The FR-3s/FR-3sb can also be used as a stand-alone instrument, because it has internal speakers. An FR-3/FR-3b with optional batteries still needs to be connected to an amplifier.

Using the OUTPUT sockets

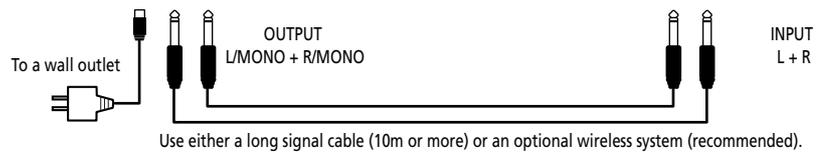
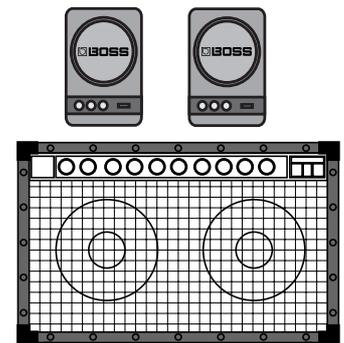
If you are using optional batteries and need to connect the FR-3 to a PA system or mixer, we recommend using a wireless system to avoid having to use excessively long signal cables.

You can also use a pair of headphones (Roland RH-25, RH-50, RH-200 or RH-300). In the case of the FR-3s/FR-3sb, connecting headphones switches off the internal speakers.

Note: To prevent malfunction and/or damage to speakers or other devices, always turn down the volume, and turn off the power on all devices before making any connections.



Note: The same connections apply to the FR-3sb and FR-3b.



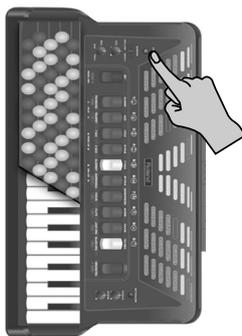
Switching the power on and off

The power-on procedure depends on whether or not you are using an optional battery.

Note: If you decide to use rechargeable AA batteries, be aware that they cannot be recharged simply by leaving them in the FR-3's compartment and connecting the adapter. You will need an external charging unit. Roland assumes no responsibility for damages caused by batteries.

If you are using batteries and no external amplification (FR-3s/FR-3sb only)

- (1) Press the FR-3s/FR-3sb's **POWER** button (it lights) to switch it on.



Note: You can also connect headphones.

- (2) Start playing.
- (3) Press the **POWER** button again so that it goes dark when you are finished.

If you are using batteries and an audio connection to an external device

The FR-3/FR-3b needs to be connected to an amplification system of some sort (unless you want to use headphones).

Note: You can also purchase a wireless transmitter from your Roland dealer and connect it to the FR-3's OUTPUT sockets.

- (1) Turn down the output volume of the receiving audio device.
You can also simply switch it off.
- (2) Connect the FR-3's OUTPUT sockets to the external audio device using two 1/4" guitar cables.

Note: You can also connect headphones to the PHONES socket, in which case you do not need to establish an audio connection.

- (3) Press the FR-3's **POWER** button (it lights) to switch it on.
- (4) Switch on the receiving audio device.
- (5) Start playing.

—To switch off your system—

- (6) Turn down the output volume of the receiving audio device, or switch it off.
- (7) Press the FR-3's **POWER** button again so that it goes dark.

If you are using the supplied adapter

If the FR-3 is powered by the supplied adapter, proceed as follows:

- (1) Connect the supplied adapter to the FR-3's DC IN socket.
- (2) Connect the supplied adapter to a wall outlet that meets the specifications (see the Owner's Manual).



The adapter should only be connected to a power source of the type marked on its label. For details on the power consumption, please refer to the Owner's Manual.

- (3) Turn down the output volume of the receiving audio device.
You can also simply switch it off.
- (4) Connect the FR-3's OUTPUT sockets to the external audio device (amplifier, mixing console, etc.).
- (5) Press the FR-3's **POWER** button to switch it on.
- (6) Switch on the receiving audio device.
- (7) Start playing.

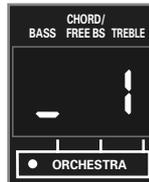
—To switch off your system—

- (8) Turn down the output volume of the receiving audio device or switch it off.
- (9) Press the FR-3's **POWER** button again so that its indicator goes dark.

Listening to the demo songs

One of the most striking aspects of your V-Accordion may be that it can play all by itself! It contains a series of demo songs that illustrate its wide variety of sounds and applications. Here is how to listen to the demo songs:

- (1) Switch on the FR-3.
See "Switching the power on and off" on p. 6.
- (2) Press and hold the **ORCHESTRA** register until the display looks as follows:



Playback starts automatically with the first demo song (there are 25 demo songs in all). At the end of the first song, the FR-3 starts playing back songs "2", "3" etc.

You can also directly jump to the song you're interested in:

- (3) Use registers **1** and **2** ("VALUE -/+") to select the demo song you want to listen to.



01	Walking in old Paris by S. Scappini	Sergio Scappini
02	Carnival in Venice - Traditional	Sergio Scappini
03	Passionate Red Rose by S. Scappini	Sergio Scappini
04	Bezaubernder Sinaklia by S. Scappini	Sergio Scappini
05	O Sole Mio - Traditional	Sergio Scappini
06	Sonata in C Maj by D. Scarlatti	Sergio Scappini
07	Edelweiss by S. Scappini	Sergio Scappini
08	Mexican Hat Dance - Traditional	Luigi Bruti
09	Smells from Toccata by J. S. Bach	Sergio Scappini
10	Capriccio 13 by N. Paganini	Sergio Scappini
11	Salvador by L. Bruti	Luigi Bruti
12	Scattered Jazz by S. Scappini	Sergio Scappini
13	Figaro by G. Rossini	Sergio Scappini
14	Rêve d'amour by L. Bruti	Luigi Bruti
15	Sugar cane by L. Bruti	Luigi Bruti
16	To my beloved teacher by S. Scappini	Sergio Scappini
17	Dancing in the courtyard by L. Beier	Ludovic Beier
18	Sotto I ponti della Senna	Ludovic Beier
19	Sunny grasslands by L. Beier	Ludovic Beier
20	Hanging around by L. Beier	Ludovic Beier
21	Lights and Shadows of the Moon by L. Beier	Ludovic Beier
22	Acrobat by L. Beier	Ludovic Beier
23	Islands by L. Beier	Ludovic Beier
24	Fence Jumper by L. Beier	Ludovic Beier
25	Passion in the Atmosphere by L. Beier	Ludovic Beier

- (4) Use the **VOL** knob to change the volume if it is too loud or too soft.
Note: All demo songs are copyright ©2006 by Roland Europe. Public performance or recording of these songs is prohibited.
- (5) Press **ORCHESTRA** again to leave the demo song mode.

2. Touring the FR-3's sections

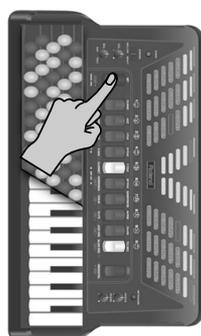
Let us now have a look at the FR-3's various sections to find out how to select registers. You will quickly discover that your FR-3 can sound like a lot of different instruments. That's what the power of Roland's PBM technology ("Physical Behavior Modeling") is all about!

Treble section

The Treble section can be played using the 37-key "piano" keyboard (FR-3s and FR-3) or the 92 treble buttons (FR-3sb and FR-3b).

The sound it produces is determined by the register (1~0) you press. This section can be used as "accordion", to play an orchestral sound or both.

- (1) Connect the FR-3 (if necessary) and switch it on.
See pages 5 and 6.
- (2) Grab the FR-3, press a Treble register and start playing on the keyboard.



- (3) Don't forget to move the bellows to hear the notes you are playing.
- (4) Press the **SET** register.
The "St" message starts flashing to signal that you need to press a register.



The "Roland" logo now flashes in blue.

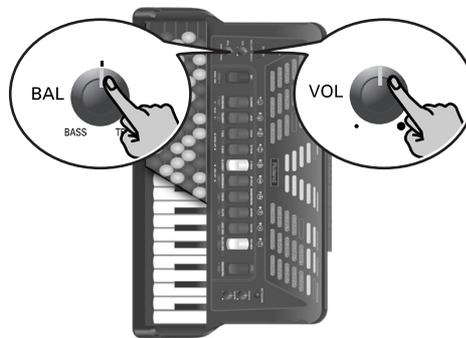
- (5) Press one of the registers **1~0** to select a Set memory.
The "Roland" logo changes color and stops flashing.
SET memories change the sounds of all sections. This is very convenient when you are performing on stage and don't have time to change each section individually.

- (6) Play a few notes to audition the sound.
- (7) Press one of the registers [1]~[0] to select another footage.
The display now shows the number of the newly selected Treble register (the other sections don't change):



Treble registers					
1		Bassoon	6		Musette
2		Bandon	7		Violin
3		Harmon	8		Oboe
4		Organ	9		Clarinet
5		Master	0		Piccolo

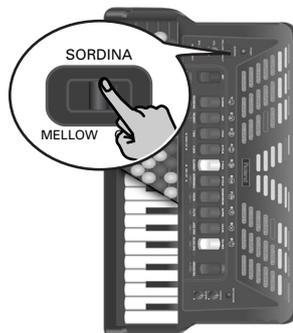
- (8) If you think the sound is too loud or too soft, you can change the setting of the [VOL] knob.



- (9) If you still can't hear the Treble notes, set the [BAL] knob to the center position.
This knob is used to set the balance between the Treble and Bass registers. When it is turned all the way to BASS, the Treble section is inaudible. When you change the Balance setting, the display briefly confirms your setting ("t1"~"t63", "0" or "b1"~"b63").
- (10) Press [SET] and one of the registers [1]~[0] to select another Set and again play a few notes.

Using the Sordina

The [SORDINA] switch allows you to attenuate the sound (make it softer, select "MELLOW"). On an acoustic accordion, this closes the wooden resonance chamber inside the instrument.



The FR-3 simulates this effect electronically (it contains not a single reed!).

Note: The Sordina only applies to the Treble section.

Using the FR-3's digital effects

While playing on the Treble keyboard, you may have noticed that the accordion sounds are enhanced by effects (probably reverb).

The FR-3 contains 2 digital effects:

Reverb: This effect creates the impression that you are playing in a concert hall, a church or a room. It adds "depth" to the sound.

Chorus: This effect creates the impression that several instruments of the same type are playing at the same time (it is similar to detuning several reeds of a register).

The **CHORUS** and **REVERB** knobs allow you to set the volume of these three effects.



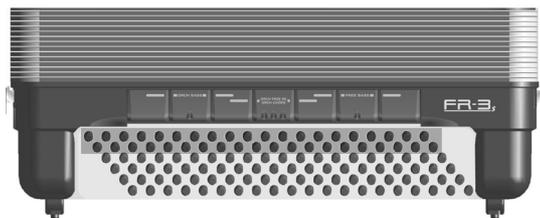
- (1) Turn them all the way towards the left (the small dot) if you don't need the effect in question.
- (2) Turn them towards the right (the big dot) to increase the effect volume.

Note: The settings of these knobs apply to all sections and all Sets.

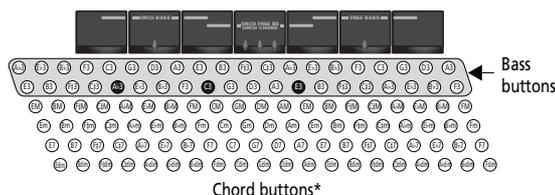
Bass section

The Bass section can be played via the "Stradella" buttons.

The buttons in this section allow you to play *both* bass notes *and* chords. The chords use the (sound) register selected for the Bass section – hence the name of this section. The "real" bass notes are assigned to the two highlighted rows. The remaining buttons are used to play chords.



The FR-3 is supplied with *several reference caps* (concave and with lines) designed to help you locate the bass and chord buttons without looking at them. At the factory, three caps are installed on the black buttons in the illustration. Feel free to remove them and to slide them over other buttons if that feels more comfortable.



- (1) Connect the FR-3 (if necessary) and switch it on.
See pages 5 and 6.
- (2) Grab the FR-3, press a register and start playing on the Bass (button) keyboard.
Though the FR-3 is an electronic musical instrument, it only produces sound if you move the bellows.
- (3) Press another register to change the sound.



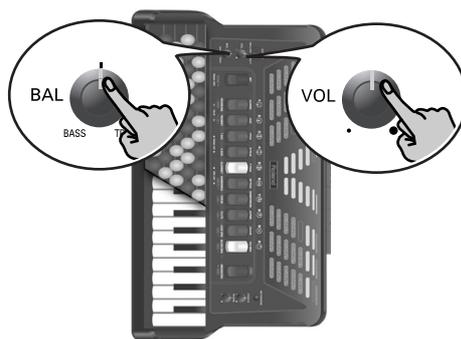
The display briefly confirms your setting and indicates which footage you selected:



Bass registers	
1	2'
2	4'
3	8-4'
4	16'/8'/8-4'/4'/2'
5	8'/4'/2'
6	16'/8'/8-4'
7	16'/2'

The left digit refers to the bass register, the central one to the chord register. As long as you are using accordion sounds, they always change in tandem (you cannot select different accordion sounds for the bass and chord buttons).

- (4) If you think the sound is too loud or too soft, you can change the setting of the **[VOL]** knob.



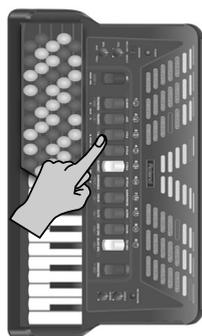
- (5) If you still don't hear the bass and chord notes you are playing, change the **[BAL]** knob's setting.
This knob is used to set the balance between the Treble and Bass registers. When it is turned all the way to TREBLE, you won't be able to hear the Bass section.

- (6) Press the **[SET]** register.
The "St" message starts flashing to signal that you need to press a register.



The "Roland" logo now flashes in blue.

- (7) Press one of the registers **[1]~[0]** to select a Set memory.



Playing in Free Bass mode

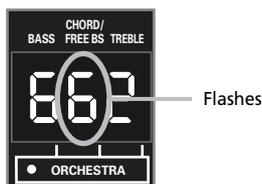
The FR-3 also provides a Free Bass mode, which is chiefly used by professionals and students who prefer to play the left-hand notes (Bass section) differently. This is one of the FR-3's advantages: you can switch this mode on and off as you like. An acoustic accordion does not allow you to do that.

Note: You can even select the note system to be used. See the Owner's Manual for details.

- (1) Simultaneously press the three registers labeled "FREE BASS".



The digit in the middle starts flashing to indicate that Free Bass mode has been activated:



- (2) Use the Bass registers to select another registration (if necessary).

Free Bass registers	
1	5
2	6
3	7
4	

- (3) Press the three FREE BASS registers again to return to the normal Bass mode.

Note: The FR-3 contains 2 digital effects that apply to all sections. See page 11 for details and how to use them.

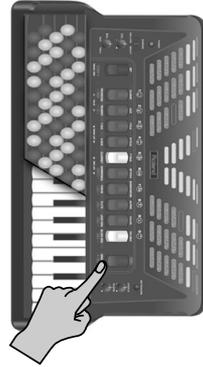
Using the orchestral sounds

Your FR-3 contains samples of various instruments that are not related to accordion sounds. Those sounds allow you to expand your musical endeavours without using external MIDI devices.

Orchestral sounds for the Treble section

Note: Only one orchestral sound can be selected at any one time.

- (1) Press the **ORCHESTRA** register.



The "Roland" logo now lights in red. The display shows the number of the last Orchestra sound you selected. That number (the right-most digit) is followed by a dot:



ORCHESTRA sounds			
1	Trombone	6	Harmonica
2	Trumpet	7	Violin
3	T Sax	8	Flute
4	A Sax	9	Jazz Org
5	Clarinet	0	Blues Org

- (2) Press one of the registers to select the desired orchestral sound (see the names below the Treble registers).
- (3) Play a few notes on the Treble keyboard.

Note: There are several modes for playing accordion and orchestral sounds simultaneously. See the Owner's Manual for details.

■ Switching off the Treble Orchestra part

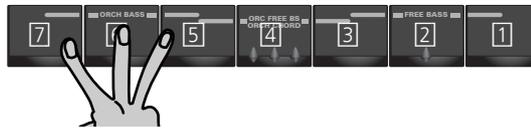
To return to a state where only the Treble accordion section sounds:

- (4) Press the **ORCHESTRA** register. Now, the FR-3 is a normal accordion again.
To activate the Orchestra part again, perform steps (1) and (2) above.

Orchestral sounds for the Bass section

The orchestral bass part can be used instead of the Bass section (thus replacing the accordion sound played by the bass rows of the button keyboard). The ORCH BASS part does what its name implies: it **only applies to the bass rows** (the ones closest to the bellows) and has no effect on the chord buttons.

- (1) Simultaneously press the three registers labeled "ORCH BASS".



The display shows the number of the last orchestral bass sound you selected. That number (the left-most digit) is followed by a flashing dot:



Note: The numbers shown in the illustration above do not appear on the registers themselves. They have been added for your reference.

- (2) Use the Bass registers to select the desired sound.

ORCH BASS sounds			
1	Acoustic	5	Picked
2*	Bowed*	6*	Tuba*
3	Fingered	7	Tuba Mix
4	Fretless		

■ Switching off the Orchestra Bass part

- (3) Press the three ORCH BASS registers again to return to the normal Bass mode.

Orchestral sounds for the Chord section

The orchestral chord part can replace the accordion sound played by the chord rows of the button keyboard. The ORCH CHORD part **only applies to the chord rows** and has no effect on the bass buttons.

- (1) If the digit in the middle of the display ("CHORD/FREE BS") is flashing, select the FR-3's Bass mode by pressing the three FREE BASS registers.
The ORCH CHORD part is not available in Free Bass mode (because there are no chord buttons in that mode).
- (2) Simultaneously press the three registers labeled "ORCH CHORD".



The display shows the number of the last orchestral chord sound you selected. That number (the digit in the middle) is followed by a dot:



Note that in this situation, the middle digit differs from the one to its left. The leftmost digit refers to an accordion register, while the middle one represents the orchestral chord sound used by the chord rows of the button keyboard.

Note: The numbers shown in the illustration above do not appear on the registers themselves. They have been added for your reference.

- (3) Use the Bass registers to select the desired sound.

ORCH CHORD sounds			
1*	St. Strings*	5*	Choir*
2*	Chorus Organ*	6*	Harps + Strings*
3	Steel Guitar	7*	Guitar + Organ*
4*	Stereo Orch Brass*		

Note: While ORCH BASS mode is active, you cannot assign a different accordion section to the chord rows. You need to leave ORCH BASS mode, select the desired accordion register, then return to ORCH BASS mode.

■ Switching off the ORCH CHORD part

- (4) Press the three ORCH CHORD registers again to return to the normal Chord mode.

Using two different orchestral sounds for the bass keyboard

The FR-3 allows you to use assign one orchestral sound to the bass rows of the button keyboard, and another to the chord rows, so that you can play two different orchestral sounds with your left hand. In that case, the display looks as follows (notice the two dots):



→ The following only applies while you are *not* in Free Bass mode, i.e. while the *digit* (not the dot) in the middle *does not flash*. (Note that you can also use the Orchestra Bass and Orchestra Free Bass sections simultaneously.)

When both the ORCH BASS and the ORCH CHORD sections are active, one of the two dots flashes to indicate that the Bass registers allow you to assign a different sound to that orchestral part: "ORCH BASS" if the left dot is flashing, ORCH CHORD if the dot in the middle is flashing.

- (1) Simultaneously press the three registers labeled "ORCH BASS".
This activates the Orchestra Bass section (a dot appears next to the leftmost digit).
- (2) Simultaneously press the three registers labeled "ORCH CHORD".
This activates the Orchestra Chord section (another dot appears next to the middle digit).

To assign a different orchestral sound to the section whose dot is not flashing...

- (1) Simultaneously press its three registers (ORCH BASS or ORCH CHORD).
This does not change the status of the section in question (the corresponding ORCH section is not switched off).
The dot that has been flashing up to now lights steadily, while the "other" dot starts flashing.
- (2) Use the 7 Bass registers to select a different orchestral sound for the ORCH BASS or ORCH CHORD section.
Note: To leave either ORCH BASS or ORCH CHORD mode in this state, you need to press the associated 3 registers twice.

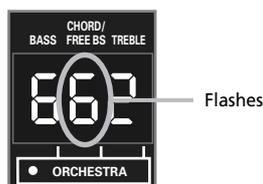
Orchestral sounds for the Free Bass section

The orchestral Free Bass part can replace the accordion sound played by the button keyboard while Free Bass mode is active. In that case, all bass buttons play bass notes – no chords.

- (1) Simultaneously press the three registers labeled "FREE BASS".



The digit in the middle starts flashing to indicate that Free Bass mode has been activated:

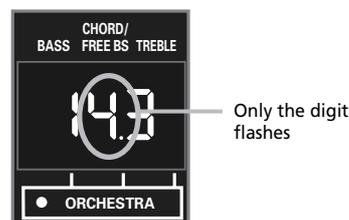


- (2) Simultaneously press the three registers labeled "ORCH FREE BS".



Note: The numbers shown in the illustration above do not appear on the registers themselves. They have been added for your reference.

The display shows the number of the last orchestral Free Bass sound you selected. That number (the flashing digit in the middle) is followed by a dot:



- (3) Use the Bass registers to select the desired sound.

ORCH FREE BS sounds			
1*	Trombone*	5*	Perc Organ*
2*	Clarinet*	6	Ac Guitar
3*	Oboe*	7	Ac Piano
4*	Flute*		

Note: The dynamics of sounds marked with an asterisk (*) can only be controlled by bellows movements. Those sounds are not velocity sensitive. For the other sounds, see also "Orch. Bass/Free Bass/Chord Touch" on p. 41 in the Owner's Manual.

■ Switching off the ORCH FREE BS part

- (4) Press the three ORCH FREE BS registers again to return to normal Free Bass mode.
(Press them yet again to leave Free Bass mode and return to Bass mode.)

3. Using the metronome

Your FR-3 contains a metronome that may come in handy when you are practising new pieces, or during your accordion classes. You can set the time signature, the tempo and the level.

Setting up the metronome

Before using the metronome, you probably need to set it to the desired tempo. The FR-3 allows you to save these settings, so that you can use them again next time you switch it on.

■ Setting the time signature

To set the time signature, proceed as follows:

- (1) Press and hold the **[SET]** register until the display shows a parameter name, then release it.
- (2) Use register **[3/◀]** or **[4/▶]** to select the following parameter:



"MTS" is short for "Metronome TS", i.e. the metronome's time signature.

- (3) Use register **[1/-]** or **[2/+]** to set the desired value.



Here what the displayed values correspond to:

1	1/4	5	5/4
2	2/4	6	6/4
3	3/4	7	6/8
4	4/4	8	9/8

If you don't need to change any other metronome parameter, press the **[SET]** register to leave the "PARAM LIST" mode. Otherwise, proceed.

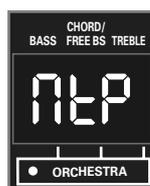
■ Setting the tempo

Here's how to set the desired metronome tempo. We'll assume that you are still in "PARAM LIST" mode (and so didn't press **[SET]** to leave it). To set this parameter at a later stage, hold down **[SET]** while performing step (4) below and skip step (5), because the display will already look like in step (5).

- (4) Press register **[3/◀]** (or **[4/▶]**) to return to the name indication of the last parameter you selected:

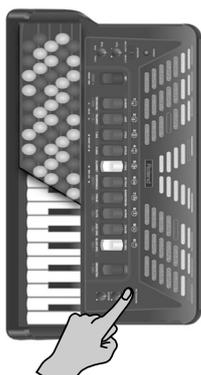


- (5) Press register **[3/◀]** once to select the following parameter:



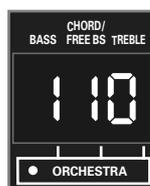
"MtP" is short for "Metronome Tempo", i.e. the metronome's speed.

- (6) Before changing this value, it might be a good idea to switch the metronome on by pressing the **[METRONOME]** button.



The "Str" message briefly appears and the metronome starts counting.

- (7) Use register **[1/-]** or **[2/+]** to set the desired value.



The setting range is ♩ = 20~250.

If you don't need to change any other metronome parameter, press the **[SET]** register to leave "PARAM LIST" mode. Otherwise, proceed.

■ Setting the metronome level

Here's how to set the desired metronome level to ensure that it is neither too loud, nor too soft. We'll assume that you are still in "PARAM LIST" mode (and so didn't press **[SET]** to leave it). To set this parameter at a later stage, repeat steps (1) and (2) on page 20, then proceed.

- (8) Press register **[3/◀]** (or **[4/▶]**) to return to the name indication of the last parameter you selected:



- (9) Press register **[4/▶]** twice to select the following parameter:



"M L" is short for "Metronome Level", i.e. the metronome's volume.

- (10) Use register **[1/-]** or **[2/+]** to set the desired value.



You can select "Off", "1" (low volume), "2" (medium volume), or "3" (high volume).

The metronome parameters set so far can be memorized:

- Press and hold the **[SET]** register until the display looks as follows:



(This means "Write".)

- Press register **[2/+]** to save the settings.
The display now looks as follows:



If you don't want to save your changes, press **[1/-]**. In that case the display briefly shows the "No" message. If don't save, your changes remain in effect until you switch off the FR-3. (If the FR-3 is powered off automatically, see the Owner's Manual, your changes are lost as well.)

- Press **[SET]** again to confirm your intention (save or ignore).
The display now looks as follows and then once again displays the numbers of the registers currently in effect:



- (11) Press the **[SET]** register to leave "PARAM LIST" mode.

Note: Press registers **[1]** and **[2]** simultaneously to return to the factory setting of the currently selected parameter.

Using the metronome

After setting the metronome's parameters to your liking (or if you don't need to change them), you can start using the metronome:

(12) Press the **METRONOME** button to start the metronome ("Str").



(13) Press it again to switch the metronome back off.

4. Closing remarks

This completes our quick tour of the FR-3. Be sure to also read the Owner's Manual, which explains how to:

- *Transpose (change the pitch/key of) your instrument;*
- *Change the octave of certain sections;*
- *Use the "Musette Detune" function to make the Treble accordion sound "thicker" (or "fatter");*
- *Change a great number of aspects that would be rather difficult, or even impossible, to change on an acoustic accordion;*
- *Choose a different arrangement of the Treble buttons. See "Treble Mode (only on the FR-3sb and FR-3b)" on p. 37. in the Owner's Manual.*
- *Use your FR-3 for MIDI applications.*

But before delving into those technical matters, have some fun with this highly musical accordion!

