

FR-3s/3 - FR-3sb/3b

STRUCTURE OF THE V-ACCORDION

Before we show you how to operate the FR-3s/3 or FR-3sb/3b, we briefly wish to explain the configuration of the V-Accordion. The FR-3s/3 or FR-3sb/3b is a "Virtual" accordion, which reproduces the sounds of various accordions. Therefore the FR-3s/3 or FR-3sb/3b has no real reeds but virtual reeds. Moreover, the FR-3s/3 or FR-3sb/3b has additional orchestral sounds, which you can play individually or in combination with the accordion sounds.

- **Register:** here you select the treble and bass section of the individual sounds (accordion & orchestra) that you would like to play with. When you go into the parameter list, you will select the musette detuning, for each register. All parameters must be saved, if you want to keep them. Otherwise they will get lost when selecting another SET or switch off the V-Accordion.
- **Set:** the individual sections (treble, bass etc.) are put together in one set so that you will immediately have all your settings at hand.
The FR-3s/3 or FR-3sb/3b offers 10 sets
- **User Program:** you can select 10 programmable User Programs. Working with those memories has the advantage that you can recall frequently used settings at the press of a button.
- **Parameter List:** the parameters contained in this list allow you to change some important functions (e.g. bellows sensitivity, Treble mode, Bass & Chord modes) or archiving your settings via MIDI

SWITCHING THE POWER ON AND OFF

- ▶ Connect the supplied adapter to the FR-3's DC IN socket.
- ▶ Connect the FR-3's DC INLET socket to a wall outlet that meets the specifications (see page 59)
- ▶ Press the FR-3's [**POWER**] button to switch it on.
- ▶ Start playing.
- ▶ Press the FR-3's [**POWER**] button again so that its indicator goes dark.

LISTENING TO THE DEMO SONGS

- ▶ Switch on the FR-3s/3 or FR-3sb/3b with the [**POWER**] button.
- ▶ Press and hold the [**ORCHESTRA**] register until the display looks as follows:



- ▶ With the registers [**1**] and [**2**] ("VALUE -/+") select another demo song (the number of the song will be indicated in the display).
- ▶ Adjust the volume with the [**VOLUME**] knob.
- ▶ Press [**ORCHESTRA**] register again to leave the demo song mode.

CHANGING THE TREBLE MODE (ONLY FR-3sb/FR-3b)

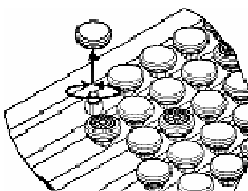
- ▶ Press and hold the [**SET**] register until the display shows a parameter names, then release it.
- ▶ Use the [**3/◀**] or [**4/▶**] register to select the "Treble Mode" parameter.



- ▶ With the [**1/-**] or [**2/+**] register, select the desired "Treble Mode".
More information about the individual modes can be found in the manual on pages 39/40/41.



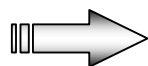
TREBLE MODE	
1	C-Griff Europe
2	C-Griff 2
3	B-Griff Bajan
4	B-Griff Fin
5	D-Griff 1
6	D-Griff 2



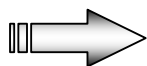
You can, however, unscrew the buttons and install them in the right places so as to make the white and black buttons correspond to the notes being played.

Press the registers [**1/-**] or [**2/+**] simultaneously to return to the factory setting of the currently selected parameter.

- ▶ Without saving: press [**SET**] register to leave the "Parameter Mode".
- ▶ Saving: press and hold [**SET**] register until the display looks as follows:



Press register [**2/+**] to save the settings



Press [**SET**] again to confirm your intention



If you don't want to save your changes, after that "Wrt" appears in the display, press [**1/-**].

In that case the display shows the "No" message.

Press [**SET**] again to leave the "Parameter Mode".

SETTING THE BELLOWS SENSITIVITY

- ▶ Press and hold the **[SET]** register until the display shows a parameter names, then release it.
- ▶ Use the **[3/◀]** or **[4/▶]** register to select the "Bellows Curve" parameter.



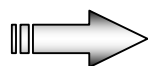
- ▶ With the **[1/-]** or **[2/+]** register, select the desired "Bellows Curve".
More information about the individual bellows curve types can be found in the manual on page 43.



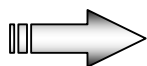
BELLOWS CURVE	
1 Fixed Low	5 Light
2 Fixed Med	6 <i>Standard</i>
3 Fixed High	7 Heavy
4 X-Light	8 X-Heavy

Press the registers **[1/-]** or **[2/+]** simultaneously to return to the factory setting of the currently selected parameter.

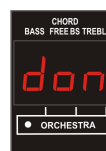
- ▶ Without saving: press **[SET]** register to leave the "Parameter Mode".
- ▶ Saving: press and hold **[SET]** register until the display looks as follows:



Press register **[2/+]**
to save the settings



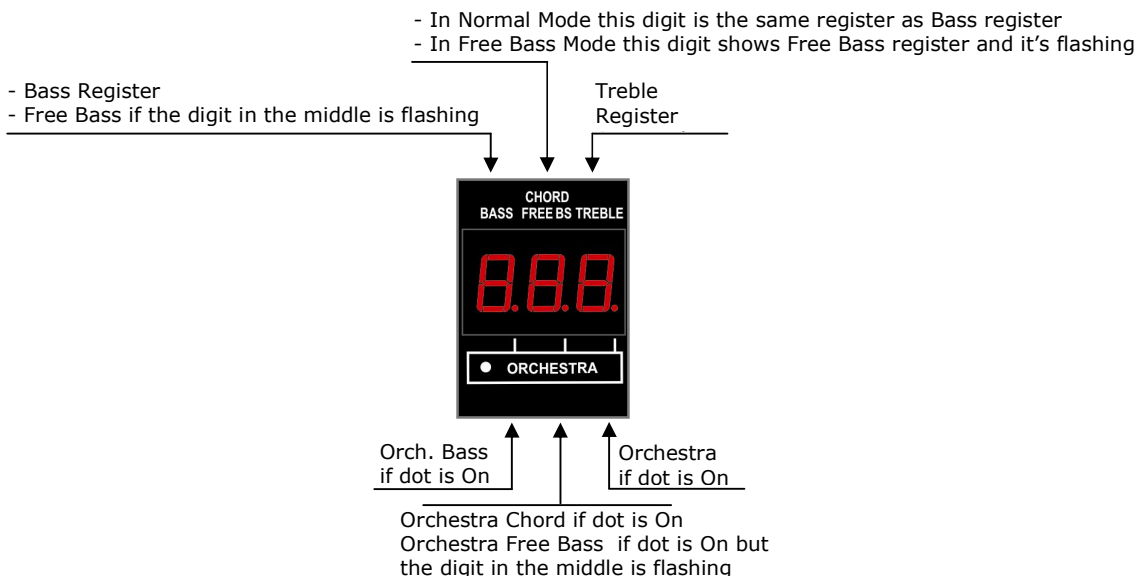
Press **[SET]** again to
confirm your intention



If you don't want to save your changes, after that "Wrt" appears in the display, press **[1/-]**.

In that case the display shows the "No" message.
Press **[SET]** again to leave the "Parameter Mode".

HOW TO READ THE DISPLAY



PLAYING THE ACCORDION / SELECTING THE ACCORDION SETS

- Place the FR-3s/3 or FR-3sb/3b, press a treble register above the piano/button keyboard and select one (or more) bass registers above the bass buttons. Play on both keyboards and move the bellows as with an acoustic accordion.
- Select a different register to change the timbre.
- Adjust the total volume with the [**VOLUME**] knob, and with the [**BALANCE**] knob adjust the volume between treble and bass.
- Press the [**SET**] register.



SET	
1 Classic	6 Sp-Folk
2 Jazz	7 Bandoneon
3 I-Folk	8 Alpine
4 D-Folk	9 Cajun
5 F-Folk	0 Tex Mex

- "St" will flash in the display and the "Roland" logo flashes in blue to signal that you need to press a register [**1**]~[**0**] to select a SET memory.
- Press one of the registers [**1**]~[**0**] to select a SET memory. The "Roland" logo lights in blue.
- Use the [**SORDINA**] switch to simulate the wooden resonance chamber (On/Off). The sound will be attenuated

SELECTING THE TREBLE AND BASS REGISTERS

- Place the FR-3s/3 or FR-3sb/3b, press a Treble register above the piano/button keyboard and select one (or more) Play on the piano/button keyboards and move the bellows as with an acoustic accordion.
- Select a different register to change the timbre.

TREBLE REGISTERS	
1 Bassoon	6a Musette
2 Bandon	6b Musette
3 Harmon	7a Violin
4 Organ	7b Violin
5 Master	8 Oboe
	9 Clarinet
	0 Piccolo

TREBLE REGISTERS - SET 5	
1 Bassoon	6a Av Muset
2 Jazzy	6b Sos Muset
3 Arnold	7a Sw Valse
4 Beguine	7b Mr Gus
5 4 Voix	8 Oboe
	9 Clarinet
	0 Piccolo

Remark: Every time when you press the Musette [6] and Violin [7], you can choose to add or remove the detuned reed [8']

- Press a Bass register and select one (or more). Play on the bass and chord buttons and move the bellows as with an acoustic accordion.
- Select a different register to change the timbre.

BASS&CHORD 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'



- Adjust the total volume with the [**VOLUME**] knob, and with the [**BALANCE**] knob adjust the volume between treble and bass.

Selecting a Musette detune:

- Press and hold the **[SET]** register until the display shows a parameter names, then release it.
- Use the **[3/◀]** or **[4/▶]** register to select the "Musette Detune" parameter.

det

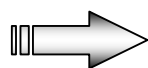
- With the **[1/-]** or **[2/+]** register, select the desired "Musette Detune". More information about the individual Musette Detune types can be found in the manual on page 39.



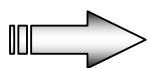
MUSETTE DETUNE			
	Off	8	D-Folk L
1	Dry	9	Italian L
2	Classic	10	German H
3	F-Folk	11	Alpine
4	American L	12	Italian H
5	American H	13	D-Folk H
6	North Eur	14	French
7	German L	15	Scottish

Press the registers **[1/-]** or **[2/+]** simultaneously to return to the factory setting of the currently selected parameter.

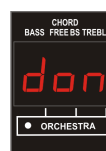
- Without saving: press **[SET]** register to leave the "Parameter Mode".
- Saving: press and hold **[SET]** register until the display looks as follows:



Press register **[2/+]** to save the settings



Press **[SET]** again to confirm your intention



If you don't want to save your changes, after that "Wrt" appears in the display, press **[1/-]**.

In that case the display shows the "No" message.

Press **[SET]** again to leave the "Parameter Mode".

USING "FREE BASS" MODE

- Press the three **[FREE BASS]** registers simultaneously and with a bass register select the desired sound. If needed, select a different bass registration.



FREE BASS REGISTERS	
1	Low
2	High
3	Low + High
4	Low + High Low
5	Low Low + High
6	High Low + High
7	Low High

- Press the three **[FREE BASS]** registers simultaneously to change in normal bass mode.

PLAYING WITH ORCHESTRA SOUNDS IN TREBLE

- Press the [**ORCHESTRA**] register and then the register with the desired orchestra sound. 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 REGISTERS	
1 Trombone	6 Harmonica
2 Trumpet	7 Violin
3 T-Sax	8 Flute
4 A-Sax	9 Jazz Org
5 Clarinet	0 Blues Org

- Press a different register to select a orchestra sound.
- Press and hold the [**ORCHESTRA**] register, while you select the desired Orchestra Mode with [**7**], [**8**], [**9**] or [**0**]
 SOLO [0]: only orchestra sound;
 DUAL [9]: orchestra & accordion sound;
 HIGH [8]: higher notes with orchestra sound, deeper notes with accordion sound;
 LOW [7]: higher notes with accordion sound, deeper notes with accordion sound.
- To change the Volume of the treble orchestra sound:
 - press and hold the [**SET**] register
 - Use the [**3/◀**] or [**4/▶**] register to select the "Orchestra Level" parameter.



- With the [**1/-**] or [**2/+**] register, select the desired value.
 The range value is **-40 ~ Std ~ 40**
 Press the registers [**1/-**] or [**2/+**] simultaneously to return to the factory setting of the currently selected parameter.
- To switch off the orchestra part, press the [**ORCHESTRA**] register again.

PLAYING WITH ORCHESTRA BASS SOUNDS

- Press the three [**ORCH BASS**] registers simultaneously and with the bass register select the desired sound.



ORCHESTRA BASS REGISTERS	
1 Acoustic	5 Picked
2 Bowed	6 Tuba
3 Fingered	7 Tuba Mix
4 Fretless	

- Press a different register to change the sound.
- To change the volume of the bass orchestra sounds:
 - press and hold the [**SET**] register
 - Use the [**3/◀**] or [**4/▶**] register to select the "Orchestra Bass Level" parameter.



- With the [**1/-**] or [**2/+**] register, select the desired value.
 The range value is **-40 ~ Std ~ 40**
 Press the registers [**1/-**] or [**2/+**] simultaneously to return to the factory setting of the currently selected parameter.
- Press the three [**ORCH BASS**] registers simultaneously to change in normal bass mode.

PLAYING WITH ORCHESTRA CHORD SOUNDS

- ▶ Simultaneously press the three [**ORCH CHORD**] registers in the middle and with the bass register select the desired sound.



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

- ▶ Press a different register to change the sound.
- ▶ To change the volume of the chord orchestra sounds:
 - press and hold the [**SET**] register
 - Use the [**3/◀**] or [**4/▶**] register to select the "Orchestra Chord Level" parameter.

OCL

- With the [**1/-**] or [**2/+**] register, select the desired value.
The range value is **-40 ~ Std ~ 40**
Press the registers [**1/-**] or [**2/+**] simultaneously to return to the factory setting of the currently selected parameter.
- ▶ Press the three [**ORCH CHORD**] registers simultaneously to change in normal chord mode.

PLAYING WITH ORCHESTRA FREE BASS SOUNDS

- ▶ Press the three [**FREE BASS**] registers simultaneously.



- ▶ Simultaneously press the three [**ORCH FREE BASS**] registers in the middle and with the bass register select the desired sound.



ORCHESTRA FREE BASS REGISTERS	
1 Trombone	5 Perc Organ
2 Clarinet	6 Ac Guitar
3 Oboe	7 Ac Piano
4 Flute	

- ▶ Press a different register to change the sound.
- ▶ To change the volume of the Free Bass orchestra sounds:
 - press and hold the [**SET**] register
 - Use the [**3/◀**] or [**4/▶**] register to select the "Orchestra Free Bass Level" parameter.

OFL

- With the [**1/-**] or [**2/+**] register, select the desired value.
The range value is **-40 ~ Std ~ 40**
Press the registers [**1/-**] or [**2/+**] simultaneously to return to the factory setting of the currently selected parameter.
- ▶ Press the three [**ORCH FREE BASS**] registers simultaneously to change in normal Free Bass mode.

CHANGING THE "BASS & CHORD" MODE AND THE "FREE BASS" MODE

- ▶ Press and hold the [SET] register until the display shows a parameter names, then release it.
- ▶ Use the [3/◀] or [4/▶] register to select the "Bass & Chord Mode" and "Free Bass Mode" parameters.



- ▶ With the [1/-] or [2/+] register, select the desired "Bass & Chord Mode" and "Free Bass Mode".

More information about the individual Bass&Chord Mode and Free Bass Mode types can be found in the manual on pages 43/44/45.



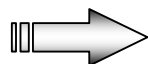
BASS & CHORD MODE	
1	2 Bs Rows
2	3 Bs rows A – 7th
3	3 Bs rows A – 5dim
4	3 Bs rows B – 7th
5	3 Bs rows 5 – 5dim
6	3 Bs rows Bx – 7th



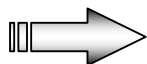
FREE BASS MODE	
1	minor 3rd
2	Bajan
3	Fifth
4	N.Europe
5	Finnish

Press the registers [1/-] or [2/+] simultaneously to return to the factory setting of the currently selected parameter.

- ▶ Without saving: press [SET] register to leave the "Parameter Mode".
- ▶ Saving: press and hold [SET] register until the display looks as follows:



Press register [2/+] to save the settings



Press [SET] again to confirm your intention



If you don't want to save your changes, after that "Wrt" appears in the display, press [1/-].

In that case the display shows the "No" message.

Press [SET] again to leave the "Parameter Mode".

Remark: The FR- 3s/3 or FR-3sb/3b is supplied with several reference caps (concave and with lines) designed to help you locate the bass and chord buttons without looking at them. (more information about the reference caps can be found in the manual on page 23)

Slide up to remove



Reference cap

Slide over button

RECALLING AN USER PROGRAM

- Press the [**ORCHESTRA**] and [**5**] registers. The "Roland" logo lights in red.



- Press the Treble register [**1**]~[**0**] that is assigned to the User Program you want to use.
- Press the [**ORCHESTRA**] and [**5**] registers again to leave this mode.

SAVING THE USER PROGRAM

- Press the [**ORCHESTRA**] and [**5**] registers. The "Roland" logo lights in red.



- Press and hold the [**SET**] register until the [**UP-**] message starts flashing.
- Press the Treble register [**1**]~[**0**] of the User Program memory where you want to save your settings.
- Press the [**ORCHESTRA**] and [**5**] registers again to leave this mode.

More information about the User Program function can be found in the manual on pages 36/37.

ACTIVATING FACTORY RESET

- Switch on the FR-3s/3 or FR-3sb/3b while holding down the [**SET**] and [**ORCHESTRA**] registers.

The display change to:



- The FR-3s/3 or FR-3sb/3b now again sounds and behaves like when you first bought it.

Remark: You can reset the FR- 3s/3 or FR-3sb/3b to its factory settings, which means that your own Global settings are replaced by the settings the FR- 3s/3 or FR-3sb/3b contained when you first go it. You may wish to archive your settings before initializing the FR- 3s/3 or FR-3sb/3b.