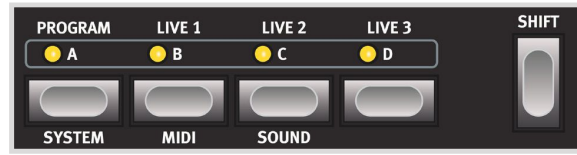# 5. MENUS

Global System and MIDI settings, as well as settings for the Piano, B3 and Rotary sections are accessed respectively through the **SYSTEM**, **MIDI** and **SOUND** menu buttons. Menus are browsed with the **MENU** dial, and values are changed with the same dial while pressing **SHIFT**. Any changes made will automatically be stored until changed again except for *MIDI Local Control* which will be set to On everytime the Nord Electro 5 is powered on.

SYSTEM

1 - MEMORY PROTECT is set to *On* by default to prevent accidental overwriting of original Programs. Set to *Off* when you want to store Programs of your own.

2 - GLOBAL TRANSPOSE is *0* by default but could be set to anywhere between -6 to +6 semitones.

3 - FINE TUNE is set to 0 cent 440Hz by default but could be set to ±50 cent = 1 semitone.

4 - SUSTAIN PEDAL is set to *Auto* by default but could also be set to *Closed* and *Open* depending on the polarity of your pedal. The pedal type will automatically be determined when in Auto mode.

5 - CONTROL PEDAL TYPE can be set to *Roland EV7, Yamaha FC7, Korg EXP2, Korg XVP10, Boss FV500L* or *Fatar SL.*

6 - CONTROL PEDAL GAIN ranges from *1-10* and lets you boost the signal of the attached pedal if it does not give you the desired range. Default value is 1.

7 - ROTARY CONTROL can be set to *Open, Closed* or *Half Moon* depending on how you want your switch pedal to control the Rotary Effect and whether you are using a Half Moon Switch.

8 - ROTARY PEDAL can be set to either *Toggle* or *Hold*. Hold mode will give you Fast speed while the pedal is pressed down. In Toggle mode stepping on the pedal will switch between Fast and Slow/Stop Mode.

9 - SUSTAIN PEDAL MODE can be set to *Sustain*, *Sus + Rotor Hold* or *Sus + Rotor Toggle*. The two latter settings let you use the Sustain pedal as a Rotary speed control.

10 - ORGAN B3 TRIG MODE gives you the option of *Fast* and *Slow* trigger modes. In Fast mode notes will be triggered earlier when pressing down on a key.

❶ *This setting is not present on the Nord Electro 5 HP model.*

11 - OUTPUT ROUTING MODE can be set to the default *Stereo* option or to the *PartL : L, PartU : R* setting. In *Stereo* mode Part Lower and Part Upper will be routed to both outputs, in stereo. With the *PartL : L, PartU : R* setting Part Lower is routed to the Left output and

Part Upper to the Right, both being in mono.

⚠ *Since there is only one instance of each effects unit, applying Rotary or EQ to both Part Lower and Part Upper will route both sounds to the Left output when not using the Stereo setting.*

MIDI

1 - LOCAL CONTROL MODE will be reset to *On* everytime the Nord Electro 5 is powered up, but can manually be turned *Off*. This setting determines whether the keyboard and panel controls are used to play back sounds and alter parameters directly, or are only sent via MIDI.

2 - CHANNEL GLOBAL sets the channel the Nord Electro 5 transmits and responds to. Could be set to *1–16*, or *Off*. Default is 1.

3 - CHANNEL LOWER RECEIVE determines the MIDI channel which Part Lower responds to. Can be set to *1-16* or *Off*. Default is Off.

4 - CHANNEL UPPER RECEIVE sets the MIDI channel which Part Upper responds to. Can also be set to *1-16* or *Off*. Default is Off.

5 - CHANNEL UPPER SPLIT sets the MIDI channel used in MIDI Upper Split mode. Can be set to *1-16* or *Off*. Default is Off.

6 - CONTROL CHANGE MODE determines how the Nord Electro 5 handles MIDI CC (Control Change) messages. Possible settings are *Off, Send, Receive* or *Send/Receive*.

7 - PROGRAM CHANGE MODE affects how the Nord Electro 5 handles Program Change MIDI messages. Possible settings are *Off, Send, Receive* or *Send/Receive*.

8 - TRANSPOSE MIDI AT can be set to *MIDI IN* or *MIDI OUT*. If set to MIDI OUT, any active transpose value (global or per Program) will also affect sent MIDI notes. Default value is MIDI IN.

SOUND

1 - PIANO STRING RES determines the sound level of the Piano String Resonance. Range is from -6dB to +6dB. Default value is 0dB.

2 - B3 TONEWHEEL MODE sets the amount of

tonewheel crosstalk and cable leakage for the B3 Model between *Clean, Vintage 1, Vintage 2* or *Vintage 3.* Vintage 1 is default.

3 - B3 KEY CLICK sets the amount of key click for the B3 Model to *Low, Normal, High* or *Higher*. Normal is default.

4 - B3 KEY BOUNCE turns the key bounce *On* or *Off*. When On the key off click is boosted if the key is released quickly.

5 - B3 PERC DB9 MUTE will in *On* mode mute the 9th drawbar when percussion is activated, as on a real B3, but could also be set to *Off*.

6 - B3 PERC DECAY FAST sets the Fast decay time of the B3 percussion to *Short, Medium* or *Long*. Medium is default.

7 - B3 PERC DECAY SLOW sets the Slow decay time of the B3 percussion to *Short, Medium* or *Long*. Medium is default.

8 - B3 PERC VOLUME NORMAL sets the normal percussion volume to *Low, Medium* or *High*. Medium is default.

9 - B3 PERC VOLUME SOFT sets the soft percussion volume to *Low, Medium* or *High*. Medium is default.

10 - ROTARY SPEAKER TYPE can be set to *122* or *122Close*, the latter being a close miked version of the same speaker emulation. 122 is default.

11 - ROTARY BALANCE sets the balance between the bass rotor and treble horn *70/30, 60/40, 50/50, 40/60* and *30/70*. Default is *50/50*.
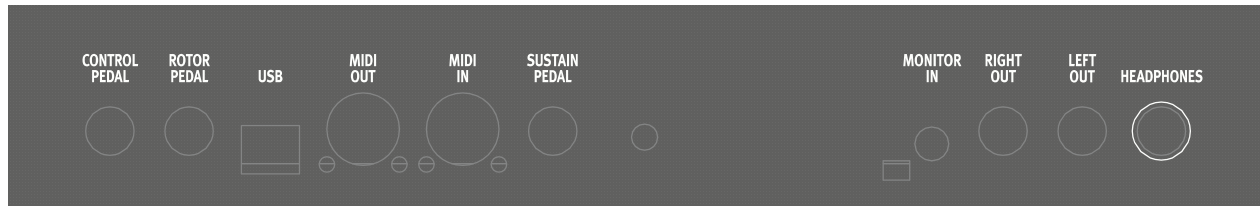
12 - ROTARY HORN SPEED could be set to *Low, Normal* or *High*. Default is set to Medium.

13 - ROTARY HORN ACC sets the acceleration and retardation of the rotary horn to *Low, Normal* or *High*. Default is set to Normal.

14 - ROTARY ROTOR SPEED sets the speed of the rotary bass reflector to *Low, Normal* or *High*. Default is set to Normal.

15 - ROTARY ROTOR ACC sets the acceleration and retardation of the rotary bass reflector to *Low, Normal* or *High*. Default is Normal.

I APPENDIX: CONNECTIONS

AUDIO CONNECTIONS

General guide on audio connections: Before you turn on your amplifier, make all audio connections. Always turn on your amplifier last, and when shutting down, always turn off your amplifier or active speakers first.

HEADPHONES

¼ inch stereo headphone jack.

LEFT AND RIGHT OUT

¼ inch unbalanced line level outputs for amplifier or recording equipment. The Nord Electro 5 is a stereo instrument with separate signal paths for left and right audio channels.

⚠️ *Using your Nord Electro 5 at a high volume can damage your hearing.*

MONITOR IN

1/8 inch jack for connecting devices such as smartphones, tablets or computers to the Nord Electro 5, allowing you to play and rehearse to pre-recorded music. This input is routed to the Headphones output.

MIDI CONNECTIONS

MIDI IN

The 5 pin MIDI In connection is used for receiveing MIDI data sent from external devices such as controller keyboards or computers.

MIDI OUT

The 5 pin MIDI Out connection will send MIDI data to devices such as external sound modules or computers.

USB CONNECTION

The USB port is used for connecting your Nord Electro 5 to a computer. The connection can be used for transferring MIDI, for OS updates and for connecting to applications such as the Nord Sound Manager and Nord Sample Editor. These applications, and the latest OS version can always be found for download at www.nordkeyboards.com.

ℹ️ *MIDI over USB and the standard MIDI connectors are always both active at the same time. There is no need to select one of the two options in a menu or similar.*

PEDAL CONNECTIONS

SUSTAIN PEDAL

¼ inch connector for all common types of sustain pedals. Sustain pedal polarity can be set in the Systems menu, see "System" on page 16.

ROTOR PEDAL

¼ inch connector for a switch type pedal, sustain pedal or the optional half moon switch. Rotary speed will change when either the pedal is pressed or the half moon switch is operated. Depending on which pedal or control you are using, the appropriate Rotary Control Type and Rotary Pedal Mode can be selected in the System menu.

CONTROL PEDAL

¼ inch connector for an expression pedal of the continuous type, used for controlling volume and/or effects. Most of the common expression pedal makes and models are supported, and can be selected in the System menu.