

Manual Blocks

Types MS-1, MS-2 & MS-3



*Right: Standard version of a two manual block.
Left: Sample combination of stand,
pedalboards and bench for manual blocks or block organs.*

There are numerous applications for HOFFRICHTER manual blocks particularly if an individual layout of an organ or control of a wide range of MIDI equipment is concerned. Unique and new to all our products is their expandability by means of plug-in boards for the electronics. This allows easy addition of features like built-in sound generation or comfortable control functions for the PC organ software Hauptwerk, Gigastudio and other configurations.

Our blocks are available as one, two or three manuals versions - the MS-1, MS-2 and MS-3. The standard models are factory-equipped with 61 tracker action keys. We supply the corresponding cases in various types of wood and varnish. Of course all keyboard variations of our special keyboards product

line can be installed. Any model of your choice will be delivered by HOFFRICHTER Orgel with the appropriate integrated control electronics.

Each type comprises a direct pedal connection for HOFFRICHTER pedal board sets and two MIDI-Out. MS-2 and MS-3 have a secondary MIDI-In with merging function. This configuration for example allows control of an expander while the played notes are recorded at the same time with a software sequencer or a music printing programme on the PC. All MIDI channels are freely selectable, making interfacing to any outside equipment or instruments virtually complicationless. Every manual section or work has a separate volume control, combined with a swell pedal connection. Both of them generate a MIDI level message.

MS-1



One manual block version with optional wood keys)

MS-3



Three manual block in mahogany case

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As an reaction to requests from our customers many of the organ-typical facilities are already included in the standard versions, this refers to manual and pedal couplers. The two manual and three manual blocks even comprise a super octave coupler to man1. The MS-1 is equipped with a sub octave transposer for the pedal section. Thus in case of GM/GS expanders or sound card usage a 16' stop sound is accessible. The larger block types include a stepwise adjustable transposer (+/- 7 semitones).

In view of these features all our manual blocks can not only be ideally combined with expanders or software sound generators but lend them themselves likewise for building complete organ consoles. The expandible plug-in board system offers numerous options for subsequent installation of a sound generator of your choice, a piston system or adding operational functions for the PC software Hauptwerk. In this case we can supply a new panel with integrated switches or rocker tablets.

During the product development particular attention was paid to the type MS-2. The two existing manuals are complemented by a third "virtual" manual section in the system program. It has a separate MIDI channel, own couplers (III/II, III/I and III/P) and a separate MIDI volume control. This additional organ "work" can be used for all available stops of the Great, Swell or Pedal and be coupled with these. This trick makes it easy to realize a Bombarde or Echo work needed for many romantic compositions, without the need of a real third manual.

As a completion of many of the novel features in the MS line the MS-2 and MS-3 types are being delivered with a special function connector. It can be used for custom features like individual switches, toe studs or other elements.

There is no faster, straightforward and more elegant way to control various MIDI equipments of your own!

MS-1, MS-2 & MS-3 Features & Specifications

	MS-1	MS-2	MS-3
Keyboard block	Plastic keyboard, 61 keys, tracker action	Plastic keyboard, 61 keys, tracker action	Plastic keyboard, 61 keys, tracker action
Number of manuals	1	2 (+ one virtual manual)	3
Couplers	I/P	III/I, III/II, II/I, III/P, II/P, I/P, super octave coupler I/I	III/I, III/II, II/I, III/P, II/P, I/P, super octave coupler I/I
Transposer	-1 octave (pedal only)	±7 semitones	±7 semitones
Volume control	-	for manuals I, II, III and pedal	for manual I, II, III and pedal
Swell pedal connector	-	for manuals I and II	for manual I, II and III
MIDI connectors	MIDI OUT 1 & 2	MIDI IN (Merge input), MIDI OUT 1 & 2	MIDI IN (Merge input), MIDI OUT 1 & 2
Other Connectors	Power connector*, HOFFRICHTER direct pedal-board connector, connector for special functions	Power connector*, HOFFRICHTER direct pedal-board connector, connector for special functions	Power connector*, HOFFRICHTER direct pedal-board connector, connector for special functions
Case options	Oak white or dark, integrated music desk	Oak white or dark, integrated music desk	Oak white or dark, integrated music desk
Dimensions (in cm)	92.0 x 12.0 x 35.0 (W x D x H)	92.0 x 17.5 x 46.0 (W x D x H)	92.0 x 25.0 x 51.5 (W x D x H)
Weight	8.0 kg	17.0 kg	25.0 kg

*Built-in power supply for 230v versions only; other voltage versions with external power supply

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