

DISCOVER 5M

REALTIME ORCHESTRATOR

Superb Vocal Harmonist
Use the Vocal Harmonist and its countless presets for adding professional harmonies to your singing. The Discover 5M can transpose all songs to a comfortable range based on two reference notes – in real time.



Lyrics and chords onscreen
They are displayed either in the Discover 5M's display or on an external monitor – or both. The Discover 5M is also the perfect karaoke machine. And it's compact enough to be taken anywhere.



■ Great for bands and live performance



■ Studio applications



■ Piano bar

Perfect for any application
Lounge music, parties, live performance: the Discover 5M is just what you need. The display is touch sensitive, most buttons light up – you simply can't go wrong!



■ Accompaniment of acoustic instruments



■ Family fun at home.



Thousands of songs
Thanks to SmartMedia™, your repertoire is just as portable as the orchestra or band itself: one card can hold thousands of Standard MIDI Files. And there is a floppy disk drive, too!

Incredibly Portable. Incredibly Versatile. The Discover 5M.

Instant and flexible playback & orchestration
The Discover 5M allows you to change the orchestrations of Standard MIDI Files (SMFs) in real time via preset macros or by changing a few settings yourself. All SMFs sound professional and provide the right backing for your singing or playing. Using the Song Finder, you can sort songs by genre, author and title. There is also a Play & Search function that allows you to play the main theme on an external MIDI controller. Large song archives are therefore no problem (64MB Smart Media™ included). With the Next Song Reserve function, the Discover 5M can automatically load your next song and start playback once the current song ends.

Cover function, Song Makeup Tools
Changing the orchestration (sound) of a Standard MIDI File is easy: simply select another "Cover" preset or quickly edit the song file itself. Even dramatic changes take no more than a few seconds.

Professional harmonies, separate effects for your voice
You select the voicing and the number of voices (two or four) for your harmonies. If necessary, the harmony notes can be controlled via MIDI for realtime changes to the voicings. You can even change your own voice (woman to man/man to woman), make it sound more mechanic, use a Vocoder effect, simply say the words... and still hear the melody. To make things easy, there are countless harmony settings to choose from – simply by pressing a field in the touch-sensitive display.

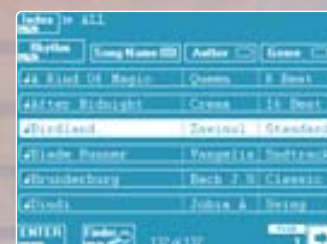


Sonic perfection...
Thousands of Roland sounds are waiting to be played via your MIDI keyboard, accordion or MIDI-fied guitar. Three realtime parts (Upper, Lower, M.Drums) can be played simultaneously – via three different MIDI channels. And yes, the Discover 5M can also double as a multitimbral module for studio applications, with reverb, chorus, multi-fx and EQ effects of course.

Mark and Jump
If the audience gets carried away by one of your songs, there are four Mark/Jump buttons that let you repeat the verse, chorus, bridge, etc. of a song as often as you like. Already available for all the songs on the supplied Smart Media™ card, you can also program them yourself for new material you add to your repertoire.

Fully programmable
Apart from all the convenient "presets" mentioned so far, which are available at all times, the Discover 5M is also a thoroughly programmable instrument. So feel free to modify sound-related and Harmonist settings (including the effects), and to save them in one of the 128 User programs. Simply recalling a User Program also loads the song the settings apply to, and even reconfigures the Discover 5M's MIDI settings, if need be. And just in case 128 User Programs are not enough, you can also directly access any number of User Programs on a Smart Media™ card.

Hands-free control
SMF playback can be started and stopped using an optional footswitch. The songs you wish to perform can be combined to "Song Chains" for hassle-free control.



There's no business like show business.
And with the Discover 5M, the show can be anywhere you please!

Meet the DisCover 5

The DisCover 5 is the DisCover 5M's twin brother with a 61-note velocity-sensitive keyboard for all-in-one control. At its release, it was hailed as a completely novel instrument and welcomed by performers whose repertoire was based on Standard MIDI Files.

File compatibility between the keyboard and module versions is 1:1, so you can exchange re-orchestrated songs and User Programs without any modifications whatsoever.

Choose the highly compact, yet fully-featured, DisCover 5M if your application doesn't require a keyboard – or go for the DisCover 5 if you are a keyboard player. Both are simply outstanding.



www.DisCover5.com

SPECIFICATIONS

Sound source	
PCM samples	Max polyphony: 64 voices
Tones	1422
Drum Sets	44 incl. ORIENTAL Drum Set
Multitimbral parts	19
Compatibility	GM2/GS
Effects	Reverb: 8 types, Chorus: 8 types, Multi-FX: 47 types
Display type & controls	1/4 VGA touch screen, backlit LCD
	Contrast knob
Panel controls	Alpha Dial Data/Tempo wheel, D-Beam (with macro settings), Master Volume, Song knob, MIC Gain knob, Voice Level, Harmony Level, Effect Level
Song playback	Realtime Song player
Mark/Jump	4 programmable locations
Song Makeup Tools	2 modes: Manual and Cover (Macros: 30 ALL, 18 Drum, 24 Bass)
Lyrics	Text Import/Export, Text to lyrics sync, Lyrics in display, Chord display
Minus One	Programmable
User Programs	128, plus User Program Finder (realtime access to User Programs on SmartMedia), User Program Hold (Tone, Harmonist)
Data storage	SmartMedia card: 4, 8, 16, 32, 64, 128MB, Floppy disk: 3.5" 2HD/2DD
File types managed	SMF, User Programs, MIDI Sets, Song Chain, .txt files
Vocal Harmonist	
4 modes	Talk, Voice-FX (12 presets), Auto Pitch, Singer (programmable)
2 harmony types	Small (30 macros), Ensemble (30 macros)
Vocoder	24 macros
Voice Effects	Noise Gate, Compressor, Reverb (9 types), Delay (9 types), programmable
Harmony Effects	Reverb (9 types), Delay (9 types), Chorus (9 types), programmable
Other functions	
Interactive DEMO	Cover, Tones, Harmonist
Tone Finder	34 families (categories)
Song Finder	Up to 99,000 songs, managed via database
Next Song Reserve	Yes
Realtime parts (via MIDI)	Upper, Lower, MDrums
Fade OUT/IN	Programmable
Octave	-4~+4, separate for Upper, Lower, MDrums
Singer Key	Automatic song transposition (-6~+5)
Connections	
Outputs	MIDI In, Out, Thru, audio outputs (L/mono, Right), Phones x2, Pedals: Footswitch (programmable), Foot Pedal (expression), Harmonist Outputs: Separate (L, R) or mixed to main outputs
Input	Harmonist Microphone
Video Output	Composite, independent lyric and chord transmission
Others	
	Power Supply: 100V - 117V - 230V - 240V
Dimensions (mm)	445 (W) x 303 (D) x 114 (H) mm
Weight	4.7 kg
Supplied accessories	Owner's Manual, power cord, SmartMedia card (64MB) with data
Options	DR-10, DR-20 microphones, DP-2, DP-6, FS-5U footswitches, RH-25, RH-50 headphones, EV-5, EV-7 expression pedals, KC series keyboard amplifiers



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REALTIME ORCHESTRATOR



Your personal orchestrator.