

HD-5 ELECTRONIC DRUM SET

USER'S MANUAL



Virgin Musical Instruments

Welcome

We would like to express our appreciation and congratulate you for purchasing this **OHITMAN** Electronic Drum Kit. You will find the drum set's features and functions listed within this owners manual. Please take a few minutes to read the following pages of instruction, and retain this manual for future reference.

INCLUDED IN THE BOX

1 DRUM SOUND MODULE

- **1 BASS DRUM WITH STAND**
- **1 BASS DRUM KICK PEDAL**
- **1 HI-HAT PEDAL**
- **1 EIGHT INCH SNARE DRUM HEAD DUAL-ZONE**
- **3 EIGHT INCH TOM DRUM PADS**
- **1 TWELVE INCH CRASH CYMBAL WITH CHOKE**
- 1 TWELVE INCH RIDE CYMBAL
- 1 EIGHT INCH HIGH HAT CYMBAL WITH OPTICAL SENSOR FOOT PEDAL
- 1 DURABLE LIGHT WEIGHT DRUM FRAME COMPLETE WITH MOUNTING HARDWARE
- **1 KIT WIRING HARNESS CONNECTION CABLE**
- **1 PAIR STEREO HEADPHONES**
- 1 DRUM THRONE STOOL
- (1) DRUM KEY
- (2) DRUMSTICKS
- (1) DRUMSTICK HOLDER BAG
- (8) VELCRO STRIPS
- (1) ASSEMBLY INSTRUCTIONS/INSTRUMENT GUIDE

FCC STATEMENTS

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. Also, this equipment has been tested and found to comply with the limits for the following standard:

EN55022-2006 EN55024:1998/+A1:2001:/+A2:2003 EN55013:2001/+A1:2001:/+A3:2006 EN6100-3-2:2006 EN6100-3-3:1995/+A1:2001/+A2:2003

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 of 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 or a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

TAKING CARE OF YOUR DRUM KIT

SERVICE AND MODIFICATION

Do **NOT** attempt to open the unit or make any change in the circuits or parts of the unit. This product should be serviced by a qualified service personnel when:

- The power supply cord of the plug of the adapter has been damaged.
- Liquid has been spattered into the unit or it has been exposed to rain.
- The instrument does not appear to operate normally or exhibits a marked change in performance.
- The instrument has been dropped or damaged.

POWER

This drum set contains digital circuitry and may cause interference if placed too close to radio or television receivers. If interference occurs, move the drum set farther away from the affected equipment

- Only use the attached power adapter.
- Turn the power switch to off when the drum is not in use.
- To avoid damage to the drum and other devise to which it is connected, turn the power switches of all related devices off prior to connection or disconnection of audio cables.
- Turn the power off if the main cable of the power adapter is damaged or the instrument is exposed to liquid.
- Do not switch the unit on and off in quick succession, this places an unexpected load on the electronic components.
- Unplug the AC power cord during an electrical storm.
- Avoid plugging the AC adapter into the same AC outlet as appliances with high power consumption, such as electric heaters or ovens.

LOCATION

To avoid deformation discoloration or more serious damage, do not expose the drum set to the following conditions;

- Direct sunlight (or near a window),
- High temperatures (near a heat source, outside, or in a care during the daytime)
- Rain or excessive humidity
- Excessive dust
- Strong vibration.
- Do not expose the unit to water or other liquids.

HANDLING AND TRANSPORT

- Never apply excessive force to the controls, connectors, pads or other parts of the instrument.
- Always unplug cables by gripping the plug firmly, NOT by pulling on the cable.
- Physical shocks caused by dropping bumping or placing heavy objects on the instrument can result in scratches and/or more serious damage.
- Carefully check the amplifier volume control before starting to play. Excessive volume can cause permanent hearing loss.

CLEANING

 Only clean the unit with a dry of damp soft cloth. Do not use chemicals or polishes

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SOUND MODULE

CONTROL PANEL

Listed below please find a list of the easy to use buttons on the **OHITMAN** HD-5 Electronic Drums.



- **1 DISPLAY** The display is a 3-digit 7-segment LED showing information such as kit number, voice number and other parameters.
- 2 CLICK The CLICK button toggles the metronome on and off.
- **3 TEMPO** The TEMPO button changes the tempo of the metronome, it is also used for recording and pattern playing.
- 4 **MASTER VOLUME** Rotate this knob clockwise to increase the master volume and counter-clockwise to decrease the master volume.
- **5 KIT** Press the KIT button to enter the drum kit selection mode.
- **6 PATTERN** Press the PATTERN button to enter the pattern play mode.
- **7 VOICE** Press the VOICE button to enter the voice assignment mode.
- **8 VOLUME** Use the VOLUME button to enter the volume adjustment mode.
- **9 DRUM OFF** Pressing the DRUM OFF button will mute the drum sound in the pattern.

SOUND MODULE

CONTROL PANEL

Listed below please find a list of the easy to use buttons on the Hitman HD-5 Electronic Drums.



SOUND MODULE

BOTTOM PANEL

The connector panel is found on the bottom of the drum set control module.



PLAYING THE PADS

TURN ON THE POWER

- **1** Turn down the volume.
- 2 Turn on the POWER button, don't strike pad or press the Hi-Hat control pedal.
- **3** Turn on any connected external devices.

PAYING THE TOM DRUM

1 Strike the central area of the pad to create the tom drum sound.

PLAYING THE CYMBAL

- **1** Strike the rubber area of the crash and ride pad to create a cymbal sound.
- **2** The crash has a choke feature. Strike the crash pad, it's sound will sustain.
- **3** Squeeze the edge portion, and the sound will mute.

PLAYING THE SNARE DRUM

- 1 Strike the central position (head) of the pad to make head sound.
- 2 Strike the rim of the pad to make a rim sound.

PLAYING THE HI-HAT

- 1 Strike the Hi-Hat control pedal to make an open Hi-Hat sound.
- 2 Strike the Hi-Hat pad while fully pressing the Hi-Hat control pedal to make a closed Hi-Hat sound.
- **3** Strike the Hi-Hat pad while pressing the Hi-Hat control pedal gradually down, the open sound will progressively change to a closed sound.
- **4** Press the Hi-Hat pedal down quickly to make a Hi-Hat pedal sound.

PLAYING KICK DRUM

1 Press the kick drum pedal to make a kick drum sound.

MASTER VOLUME

- **1** Rotate the MASTER VOLUME knob to turn the master volume up or down.
- **2** Rotate the knob clockwise to increase the volume.
- **3** Rotate the knob counter-clockwise to decrease the volume.



PLAYING THE PADS



DRUM KIT

This drum set has 20 preset drum kits to choose from. Each kit is a combination of different instrument voices that are assigned to a specific pad. The voices within a selected kit give the performance a uniform style. Any of the kits can be edited, and those edits saved.

When the drum set is turned on, the kit mode is engaged automatically, the KIT button is lit and the Kit number is shown on the display.

In other operation modes, pressing the KIT button will return the drum set to the kit mode.



KIT SELECT

- **1** Press the KIT button if not already engaged.
- 2 Use the BUTTONS + to select the desired kit from ranging from 01-20. Please see the list of available kits below. The default kit number is 01. When reentering the kit mode, the kit number will be the one last assigned.



Kit No.	Kit Name	Kit No.	Kit Name	
01	Рор	11	Heavy Beat	
02	Electric	12	Metal	
03	Jazz	13	Rock	
04	Beat Box	14	Punk	
05	808	15	Carbon	
06	Fireball	16	Disco	
07	Magnet	17	Tight Rope	
08	Dry	18	Smashing	
09	Machine	19	Largeness	
10	Room	20	Funky	

KIT	LIST
	1711

DRUM KIT

KIT EDIT

After selecting a kit, you can change the voice and its volume on each pad and save the changes.



CHANGE THE VOICE OF THE PAD

1 Before editing, select a pad by pressing the desired PAD SELECT button. The selected pad button will light up and blink, and the assigned voice can be heard.

The snare has head and rim parts and hi-hat has open and closed voices. Press the corresponding PAD SELECT button twice to select an alternate part of these pads and the light color of the button will change to blue.

Please note, an easy way to select is to hit the pad or press the Hi-Hat pedal directly. The corresponding button will light up and blink, striking too softly will not trigger a selection.

- **2** Press the VOICE button to assign a voice to the pad, the pressed button will light up and blink, and the current voice number of that pad will appear on the display.
- 3 While the PAD SELECT button and the VOICE button blink use the BUTTONS + to change the voice number ranging from 1-184. Holding down the + or BUTTON will change the data consecutively. Press the BUTTONS + simultaneously to restore the original voice. Please see the VOICE LIST at the back of this manual for all assignable voices.
- 4 You can change the voice of another pad by pressing the voice's PAD SELECT button.
- **5** Press the blinking VOICE button again to exit and return to the kit select mode. The indicator will turn off.

Please note, settings will be lost when the power is turned off.



CHANGE THE VOLUME OF THE PAD

- **1** Before editing, select a pad
- **2** Press the VOLUME button, the button will light up and blink, the display will show the current volume.
- 3 Adjust the volume of the pad by using the BUTTONS + to change the volume ranging from 0-127. Press the blinking VOLUME button again to exit and return to the kit select mode. Its indicator will turn off.

♪Please note, settings will be lost when the power is turned off.

Please note, to reset the drum, press and hold down both + and – buttons and turn on the power until "rSE" appears on the display. The factor settings will to restored and recorded contents erased.

PATTERN

There are 50 built-in patterns for you to enjoy and use for practice exercises.



LISTEN TO THE PATTERN

- **1** To engage the pattern mode press the PATTERN button and it will light up. The pattern number with "P" in front of it will appear and blink on the display.
- 2 Use the BUTTONS + to select a pattern from 01-50.
- 3 Press the PLAY button to start playing, the display will show the measure number. The PAD SELECT buttons will flash to indicate which pad is performing. When the pattern is finished, it will restart from the beginning. During play, you can change the pattern by pressing the – BUTTONS +, the new pattern number will appear on the display and will start playing from the first measure.
- **4** Press the STOP button to stop the playing.
- **5** Press the KIT button or press the PATTERN button again to exit and return to the kit mode.



ГПЛ		
	PLAY	STOP

PRACTICE WITH THE PATTERN

While listening to the pattern you can drum on the pads. All the patterns consist of a percussion and orchestral background music. You can mute the percussion sound and drum to the pattern, accompanied by the background music.

- **1** To engage the pattern mode pressing the PATTERN button.
- 2 Use the BUTTONS + to select a pattern from 01-50.
- **3** Press the DRUM OFF button to mute the percussion sound, the button will light up.
- 4 Press the PLAY button to start playing, the display will show the measure number. The PAD SELECT buttons will flash to indicate which pad you should be drumming. When the pattern is finished, it will restart from the beginning. During the play, you can change the pattern by pressing the – BUTTONS +, the new pattern number will appear on the display and will start playing from the first measure.
- **5** Press the STOP button to stop the playing.
- 6 Press the KIT button or press the PATTERN button again to exit and return to the kit mode.









PATTERN



ADJUST THE VOLUME

- **1** The volume of the pattern is adjustable.
- Press the VOLUME button, the button will light up and blink while the current volume will be displayed. Use the + or – buttons to adjust the volume. Wait 3 seconds or press the VOLUME button again and the display will recover the measure.







METRONOME

1 Press the CLICK button to activate the metronome, its indicator will light up and flash in time with the current tempo. The speed of the metronome is determined by the tempo value. To adjust the tempo value, please refer to Adjusting the Tempo.

JPlease note, during pattern play, the metronome cannot sound but the CLICK button will flash if the metronome is engaged.

2 Press the CLICK button again to stop the metronome.



ADJUST THE TEMPO

During the playing you can change the tempo.

- **1** Press the TEMPO button, its indicator will light up and blink. The current tempo will appear on the display and blink.
- **2** Use the + or buttons to change the tempo ranging from 40-240 bpm.
- **3** Press both the BUTTONS + simultaneously and the tempo will recover the original value. Wait 3 seconds or press the TEMPO button again and the display will recover to the measure display.



RECORD

This drum has the ability to record one performance and save it as Pattern 51. The recording can be accompanied by a pattern.



RECORDING

There are two ways to start recording.

Automatic Start

After pressing the record mode, recording begins immediately after a four beat count-in.

□Please note, even if you stop the recording before the pattern is over, the remaining measure of the pattern will be in your recorded.

Synchronized Start

The recorder is put on standby and will start recording as soon as any pad on the drum set is struck. Using the sync start you can record in the following ways:

- You can record your with the pattern background music and percussion adding your performance to the pattern. The pattern will play repeatedly until you stop the recording.
- You can turn off the percussion of the pattern and record with just the background accompaniment.
- Or you can turn off the pattern to record a pattern-free performance of just your playing on the drum set..

AUTO START

- **1** Before recording prepare the desired settings, including selecting the drum kit, the metronome tempo setting and the pattern selection volume and tempo.
- 2 Press the RECORD button to enter the record mode.
- **3** Press the RECORD button again, after four beats count-in, the record will start immediately whether you strike the drum pad or not.
- **4** When a recording starts, the RECORD button stops blinking and remains lit. If engaged, the metronome will sound as soon as recording starts. The metronome sound is for reference only, it is not recorded. The recording measure will appear on the display.

5 Press the RECORD button again or press the STOP button to terminate the recording The RECORD button blinks and is ready for the next recording. The new recording over-writes the contents of the previous recording in units of measure. In the way, you can edit your recording.

JPlease note, the Auto Start mode is recommended to over-write and record with the pattern.





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RECORD



1 SYNC START

Before recording prepare the desired settings, including selecting the drum kit, the metronome tempo setting and the pattern selection volume and tempo.

- 2 Press the RECORD button to enter the record mode. The button will light up and blink to indicate the recorder is on standby.
- 3 Press the CLICK button, to put the metronome on standby, the button will flash
 - The PATTERN button will light up automatically so that you can record your performance with a pattern the display shows the current pattern number. Select a different pattern by using the BUTTONS +.
 - If you do not want the drum sound in the pattern, press the DRUM OFF button to mute it.
 - If you don't want to use the pattern at all, press the PATTERN button so that its indicator turns off and "OFF" will appear on the display.
- 4 Recording will start as soon as you strike on any of the pads. When a recording starts, the RE-CORD button stops blinking and remains lit. If engaged, the metronome will sound as soon as recording starts. The metronome sound is for reference only, it is not recorded. The recording measure will appear on the display.
- 5 Press the RECORD button again or press the STOP button to terminate the recording The RECORD button blinks and is ready for the next recording. The new recording over-writes the contents of the previous recording in units of measure. In the way, you can edit your recording.



- +

PATTERN





RECORD



STOP AND SAVE

STOP

When finished with the recording, while the RECORD button blinks, press the STOP button to discard the current recording. The RECORD button turns off and the PATTERN button stays lit. The display shows the pattern number you selected before the recording.

Please note, your current recording will be lost.

Press the KIT button at anytime, the recording will be terminated and the drum will return to the Kit mode. Your current recording will be lost.



SAVE

When you are finished recording and while the RECORD button is blinking, press the SAVE button to save it as Pattern 51. The RECORD buttons light turns off, and the PATTERN button stays lit. The display shows "P51". Your recording will be saved even after the power is turned off.



PLAYBACK

- **1** To hear your recorded performance, enter the pattern mode by pressing the PATTERN button.
- **2** Select P51, using the BUTTONS +. Please refer to the Pattern section of this manual for help.
- **3** Press the PLAY button to play back your recording.





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USB AND MIDI

MIDI

MIDI stands for Musical Instrument Digital Interface. This is a worldwide standard communication interface that enables electronic musical instruments and computers to communicate with each other so that instructions and other data can pass between them. This exchange of information makes it possible to create a system of MIDI instruments and devices that offers far greater versatility and control than that is available with isolated instruments. Whether you interface with computers, sequencers, expanders or other equipments your musical horizons will be greatly enhanced. For example, you could edit your playing in the computer or play back MIDI songs from the computer while playing the drum.

USB

The USB connector allows you to connect the drum directly to your computer. It can be connected without driver installation under the Windows XP, Windows Vista & MAC OSX environment. The drum will be recognized as a USB Audio device to receive and transmit the those same MIDI messages.

MIDI APPLICATION CHART			
Function	Transmitted	Recognized	Remarks
Basic Channel	10	1-16	
Note Number	0-127	0-127	
Velocity: Note On	1-127	0-127	
Velocity: Note Off	64	0-127	
Major Controls: B9h 04h xxh	Yes	Х	Hi-Hat pedal control
Major Controls: Bxh 79h 00h	Yes	Yes	Reset All Controller
Major Controls: Bxh 7Bh 00h	Yes	Yes	All Notes Off
Program Change	X	Yes*	
System Exclusive	Yes	Yes**	
RPN	X**	Yes**	
NRPN	Yes	Yes**	
*Channel 10 support Bank 0 only	л		~
** If you need detailed information	a about Exclusive	RPN and NRPN in	ease see vour vendor

TRANSMITTED NOTE THROUGH CHANNEL 10 FROM EACH PAD IS FIXED				
Pad	Note	Pad	Note	
Tom1	48	Ride	51	
Tom2	45	Hi-Hat Open	46	
Tom3	41	Hi-Hat Close	42	
Snare	38	Hi-Hat Pedal	44	
Snare Rim	37	Kick	36	
Crash	55			

VOICE LIST

	GM	054	MuteTriang	104	Snare 24	150	Hi Tom 7
001	High Q	055	OpenTriang	105	Snare 25	151	Hi Tom 8
002	Slap	056	FullCabasa	106	Snare 26		
003	ScraPush	057	Shaker	107	Snare 27		MID TOM
004	ScraPull	058	Belltree	108	Snare 28	152	Mid Tom 1
005	Stick	059	Castanets	109	Snare 29	153	Mid Tom 2
006	SquarClick	060	MuteSurdo	110	Snare 30	154	Mid Tom 3
007	MetroClick	061	OpenSurdo	111	Snare 31	155	Mid Tom 4
008	MetroBell			112	Snare 32	156	Mid Tom 5
009	KickDrum2		KICK	113	Snare 33	157	Mid Tom 6
010	KickDrum1	062	Kick 1	114	Snare 34	158	Mid Tom 7
011	SideStick	063	Kick 2	115	Snare 35	159	Mid Tom 8
012	SnareDrum2	064	Kick 3	110		100	
012	HandClap	065	Kick 4		SIDE STICK		LOW TOM
013	SnareDrum1	066	Kick 5	116	SideStick 1	160	Low Tom 1
014	LoFloTom2	067	Kick 6	110	SideStick 2	161	Low Tom 2
015	CloseHH	068	Kick 7	117	SideStick 3	162	Low Tom 3
010	LowFloTom1	069	Kick 8	110	SIDESLICK S	163	Low Tom 4
017		009	Kick 9		CLOSED HI-HAT	164	Low Tom 5
	PedalHH	070	Kick 10	110	Closed Hi-Hat1		
019	LowTom			119		165	Low Tom 6
020	OpenHiHat	072	Kick 11	120	Closed Hi-Hat2	166	Low Tom 7
021	LowMidTom	073	Kick 12	121	Closed Hi-Hat3	167	Low Tom 8
022	HiMidTom	074	Kick 13	122	Closed Hi-Hat4		
023	CrashCymb1	075	Kick 14	123	Closed Hi-Hat5		
024	RHighTom	076	Kick 15	124	Closed Hi-Hat6		CRASH
025	RideCymb1	077	Kick 16	125	Closed Hi-Hat7	168	Crash 1
026	ChCymbal	078	Kick 17	126	Closed Hi-Hat8	169	Crash 2
027	RideBell	079	Kick 18	127	Closed Hi-Hat9	170	Crash 3
028	Tambourine	080	Kick 19	128	Closed Hi-Hat10		
029	SplashCymb			129	Closed Hi-Hat11		
030	Cowbell		SNARE	130	Closed Hi-Hat12		RIDE
031	CrashCymb2	081	Snare 1			171	Ride 1
032	VibraSlap	082	Snare 2		OPENHI-HAT	172	Ride 2
033	RideCymb2	083	Snare 3	131	Open Hi-Hat1		
034	HiBongo	084	Snare 4	132	Open Hi-Hat2		
035	LowBongo	085	Snare 5	133	Open Hi-Hat3		PERCUSSION
036	MuteConga	086	Snare 6	134	Open Hi-Hat4	177	Percussion 1
037	HiConga	087	Snare 7	135	Open Hi-Hat5	178	Percussion 2
038	LowConga	088	Snare 8	136	Open Hi-Hat6	179	Percussion 3
039	HighTimbal	089	Snare 9	137	Open Hi-Hat7	180	Percussion 4
040	LowTimbal	090	Snare 10	138	Open Hi-Hat8	181	Percussion 5
041	HiAgogo	091	Snare 11	139	Open Hi-Hat9		
042	LowAgogo	092	Snare 12	140	Open Hi-Hat10		PEDAL HI-HAT
043	Cabasa	093	Snare 13	141	Open Hi-Hat11	182	Pedal Hi-Hat 1
044	Maracas	094	Snare 14	142	Open Hi-Hat11	183	Pedal Hi-Hat 2
045	ShortWhist	095	Snare 15	143	Open Hi-Hat13	184	Pedal Hi-Hat 3
046	LongWhist	096	Snare 16				
047	ShortGuiro	097	Snare 17		НІ ТОМ		
048	LongGuiro	098	Snare 18	144	Hi Tom 1		
049	Claves	099	Snare 19	145	Hi Tom 2		
050	HiW-Block	100	Snare 20	146	Hi Tom 3		
051	LoW-Block	101	Snare 21	147	Hi Tom 4		
052	MuteCuica	102	Snare 22	148	Hi Tom 5		
053	OpenCuica	103	Snare 23	149	Hi Tom 6		
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SPECIFICATIONS

CONFIGURATION	 3 X 8" Tom (without rim), 12" Crash cymbal (with choke feature), 12" Ride cymbal, 8" Hi-Hat, 6" Kick, Hi-Hat pedal
Voice	184
Drum Kit	20 Preset Kits
Pattern	50, Full and Mute drum mode
Pad Button	play drum sound with led blink
Тетро	default 120; range 40-240
Metro	On/Off
Record	1 editable song in overwrite mode
Easy Reset	holding button + and button - when power on
Display	3 X 7 LED
Power	9V DC
Aux. Socket	Headphone, Line In/Out, USB, Power In DC9V



Virgin Musical Instrument Company Inc P O Box 2908 La Mesa, CA 91943 PH: 619 244-0006 E-mail: info@virginmusicalinstruments.com www.virginmusicalinstrumentcompany.com