

# DTX drums

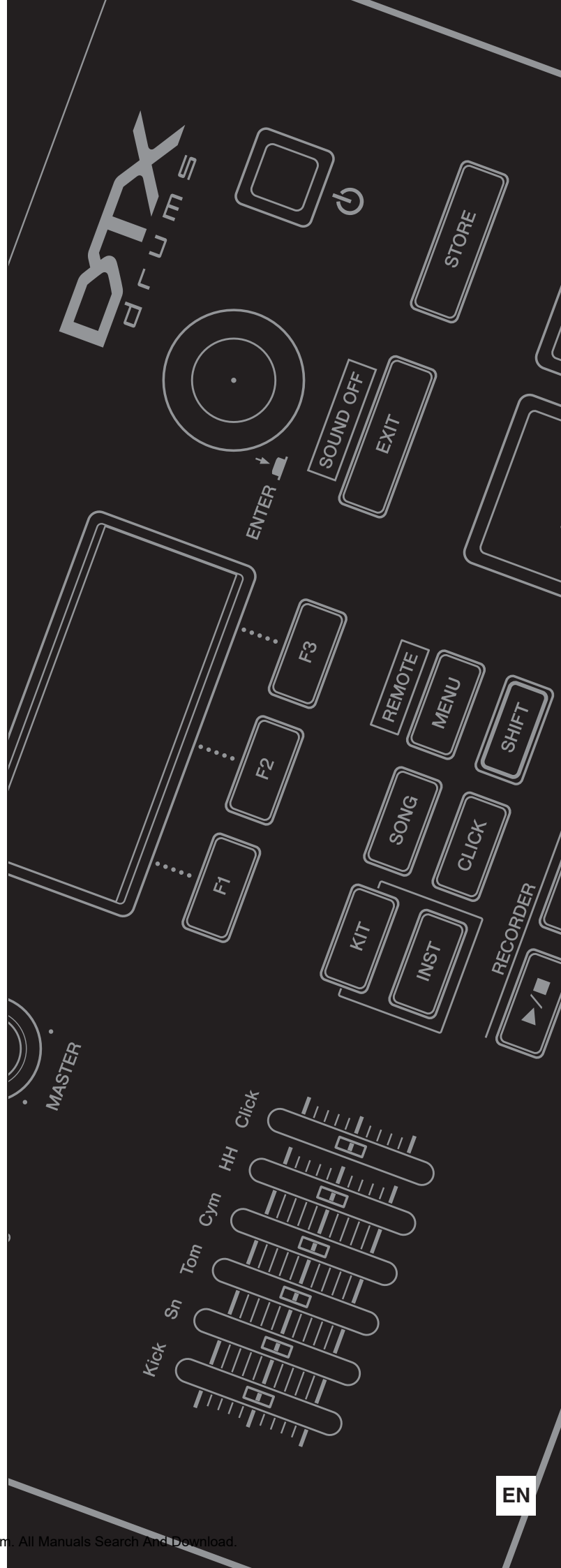
DRUM TRIGGER MODULE

# DTX700

## DATA LIST

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# Preset Kit List

## MSB=125/LSB=0

Kit No.	Name
001	DTX700
002	BirchCstmAbs
003	Loud
004	Vintage 70s
005	Funk Kit
006	Metal
007	Hip Hop
008	Digi Beat
009	Percs Master
010	Oak Custom
011	MapleCstmAbs
012	BeechCstmAbs
013	Hard Rock
014	Studio Works
015	Vintage 50s
016	Bass Line
017	Legend RX
018	Retro Box
019	R&B
020	Rot PunkRock
021	Lead Whale
022	Orchestra
023	Rock
024	LA Session
025	Funk Master
026	Alternative
027	ClasicElectr
028	Touch Wah
029	Beat Box 8
030	Stab&Scratch
031	LegendTechno
032	Drum Corps
033	Hexagon
034	Flange Perc
035	Compact
036	MG Kit
037	Zone
038	Gate FX
039	Beat Box 9
040	Acid Jazz
041	Deep Brush
042	Vocal Drums
043	Cuban
044	Brazil
045	Africa
046	Arabic
047	Indian Pop
048	China
049	Japan
050	GM Kit

# Instrument Name List

## Kick

No.	Name
000	no assign
001	Birch 22
002	Birch22 Mt
003	Birch 24
004	Birch24 Mt
005	Birch 18
006	Birch18 Mt
007	Oak 22
008	Oak22 Mt
009	BriteOak22
010	BrtOak22Mt
011	Maple 20
012	Maple20 Mt
013	MapleTight
014	MapleTgtMt
015	Beech 20
016	Beech20 Mt
017	Vin70s 24
018	Vin70s24Mt
019	Vin50s 22
020	Vin50s22Mt
021	Compact
022	Compact Mt
023	HardRock
024	Rock 1
025	Rock 2
026	Jazz 1
027	Jazz 2
028	T9-1
029	T9-2
030	T9-3
031	T9-4
032	T9 Hard1
033	T9 Hard2
034	T9 Hard3
035	T8-1
036	T8-2
037	T8-3
038	Elec 1
039	Elec 2
040	Elec 3
041	Elec 4
042	ElecComp 1
043	ElecComp 2
044	ElecComp 3
045	Elec FX 1
046	Elec FX 2
047	Elec Gate
048	Elec Click
049	ElecPow 1
050	ElecPow 2
051	Gate 1
052	Gate 2
053	Gate 3
054	Gate 4
055	Gate 5
056	Gate 6
057	Garage 1
058	Garage 2
059	Garage 3
060	D'N'B 1
061	D'N'B 2
062	Break 1
063	Break 2

## Snare1

No.	Name
064	Break 3
065	Break 4
066	Break Deep
067	BD & Cym
068	Tek Power
069	Dist 1
070	Dist 2
071	Dist 3
072	Dist 4
073	Dist 5
074	Dist 6
075	Analog 1
076	Analog 2
077	Blip
078	Blip Hard
079	Zap Hard
080	Zap Mid
081	Sustain
082	Hard Long
083	Anlg Tight
084	Anlg Hard
085	Lo-Fi
086	Machine 1
087	Machine 2
088	Machine 3
089	Machine 4
090	HipHop 1
091	HipHop 2
092	HipHop 3
093	HipHop 4
094	HipHop 5
095	HipHop 6
096	HipHop 7
097	HipHop 8
098	HipHop 9
099	HipHop 10
100	HipHop 11
101	HipHop 12
102	HipHop 13
103	Hip Deep
104	R&B 1
105	R&B 2
106	DigiNeo 1
107	DigiNeo 2
108	RX11
109	RX5 1
110	RX5 2
111	RX5 3
112	Mg 1
113	Mg 2
114	Mg 3
115	Mg 4
116	Mg 5
117	Mg 6
118	Sm Bd
119	FX Hammer
120	Reverse

## Snare2

No.	Name
000	no assign
001	T9-1
002	T9-2
003	T9-3
004	T9-4
005	T9-5
006	T9 Gate
007	T9 Rim
008	T8-1
009	T8-2
010	T8-3
011	T8-4
012	T8-5
013	T8 Rim
014	Electro 1
015	Electro 2
016	Electro 3
017	Electro 4
018	Electro 5
019	Electro 6
020	Electro 7
021	Electro 8
022	Electro 9
023	Electro 10
024	Electro 11
025	Electro 12
026	Electro 13
027	Gate 1
028	Gate 2
029	Gate 3
030	Gate 4
031	Gate 5
032	Gate Rim1
033	Gate Rim2
034	Gate Rim3
035	Garage 1
036	Garage 2
037	Garage 3
038	Garage FX
039	GarageVar1
040	GarageVar2
041	D'N'B 1
042	D'N'B 2
043	D'N'B 3
044	D'N'B 4
045	Break 1
046	Break 2
047	Break 3
048	Break 4
049	BreakHeavy
050	Analog 1
051	Analog 2
052	Analog 3
053	Cut
054	FM 1
055	FM 2
056	Clappy
057	Timber
058	Woody
059	Lo-Fi
060	Machine SD
061	AnalogRim1
062	AnalogRim2
063	MachineRm1

No.	Name
064	MachineRm2
065	SE Rim
066	HipHop 1
067	HipHop 2
068	HipHop 3
069	HipHop 4
070	HipHop 5
071	HipHop 6
072	HipHop 7
073	HipHop 8
074	HipHop 9
075	HipHop 10
076	HipHop 11
077	HipHop 12
078	HipHop 13
079	HipHop 14
080	HipHop 15
081	HipHop 16
082	HipHop 17
083	HipHop 18
084	HipHop 19
085	HipHop 20
086	HipHop 21
087	HipHop 22
088	HipHop 23
089	HipHopGate
090	HipHopRim1
091	HipHopRim2
092	HipHopRim3
093	HipHopRim4
094	HipHopRim5
095	HipHopRim6
096	HipHopRim7
097	R&B 1
098	R&B 2
099	R&B OpRm
100	DigiNeo 1
101	DigiNeo 2
102	DigiNeo 3
103	RX11 1
104	RX11 2
105	RX11 Rim
106	RX5 1
107	RX5 2
108	RX5 3
109	RX5 OpRm
110	RX5 ClRm
111	Mg 1
112	Mg 2
113	Sm SD
114	Synth
115	FX
116	Random
117	Rezonance
118	Tremolo
119	Filter
120	Buzz Elec
121	SnareVar 1
122	SnareVar 2
123	SnareVar 3
124	SnareVar 4
125	Loud
126	Hip 1
127	Hip 2

## Tom1

No.	Name
000	no assign
001	Birch H
002	Birch M
003	Birch L
004	Birch F
005	Oak H
006	Oak M
007	Oak L
008	Oak F
009	Maple H
010	Maple M
011	Maple L
012	Maple F
013	Beech H
014	Beech M
015	Beech L
016	Beech F
017	Vin70s H
018	Vin70s M
019	Vin70s L
020	Vin50s H
021	Vin50s M
022	Vin50s L
023	Compact H
024	Compact M
025	Compact L
026	Rotary H
027	Rotary M
028	Rotary L
029	VeloPitchH
030	VeloPitchM
031	VeloPitchL
032	HardRock H
033	HardRock M
034	HardRock L
035	Rock H
036	Rock M
037	Rock L
038	Jazz H
039	Jazz M
040	Jazz L
041	DeepBrushH
042	DeepBrushM
043	DeepBrushL

## Tom2

No.	Name
000	no assign
001	T9 H
002	T9 M
003	T9 L
004	T8 H
005	T8 M
006	T8 L
007	T8 Shot H
008	T8 Shot M
009	T8 Shot L
010	T8 Long H
011	T8 Long M
012	T8 Long L
013	Dist H
014	Dist M
015	Dist L
016	SynTom1 H
017	SynTom1 M
018	SynTom1 L
019	SynTom2 H
020	SynTom2 M
021	SynTom2 L
022	SynTom3 H
023	SynTom3 M
024	SynTom3 L
025	FM H
026	FM M
027	FM L
028	RX11 H
029	RX11 M
030	RX11 L
031	RX5 H
032	RX5 M
033	RX5 L
034	RX5 Elec H
035	RX5 Elec M
036	RX5 Elec L
037	Sm H
038	Sm M
039	Sm L
040	Sm Tip
041	AN Tom1 H
042	AN Tom1 M
043	AN Tom1 L
044	AN Tom2 H
045	AN Tom2 M
046	AN Tom3 L
047	AN Reso
048	Reverse

## Cymbal

No.	Name
000	no assign
001	BriteRd20
002	MellowRd22
003	VintgeRd22
004	Dark Rd20
005	Warm Rd20
006	BrSzlRd20
007	DkSzlRd20
008	VividCr18
009	BriteCr16
010	VintgeCr16
011	Warm Cr16
012	VividCr18
013	HeavyCr18
014	VintgeCr18
015	Dark Cr18
016	Warm Cr18
017	HeavyCr18
018	China20
019	China22
020	China17
021	China19
022	Splash 1
023	Splash 2
024	Splash 3
025	Trash 1
026	Trash 2
027	Trash 3
028	Trash 4
029	BrushRd22
030	BrushCr16
031	BrushCr18
032	T9 Ride
033	T9 Crash
034	T8 Ride
035	T8 Crash
036	SynthCymbL
037	MachineCym
038	RX Ride
039	RX Crash
040	FX Cym

## Hi-Hat

No.	Name
000	no assign
001	Vivid 13
002	Warm1 13
003	Warm2 13
004	Dark 14
005	Cool 14
006	Vintg 14
007	Brite 14
008	Ring 14
009	Brush 14
010	T9
011	T8
012	RhythmBox
013	D'n'B
014	Lo-Fi
015	Analog
016	Synth 1
017	Synth 2
018	Machine
019	HipHop
020	FX

# Instrument Name List

## Latin Percussion

No.	Name
000	no assign
001	Quinto Op
002	QuintoSlap
003	QuintoMute
004	QuintoHeel
005	Quinto Tip
006	Quinto O-S
007	Quinto H-T
008	Conga Op
009	Conga Slap
010	Conga Mute
011	Conga Heel
012	Conga Tip
013	Conga O-S
014	Conga H-T
015	Conga MtSW
016	Tumba Open
017	Tumba Slap
018	Tumba Mute
019	Tumba Heel
020	Tumba Tip
021	TumbaGliss
022	Tumba H-T
023	Tumba MtSW
024	Conga2HOpn
025	Conga2HSIp
026	Conga2HMT
027	Conga2HHel
028	Conga2HTip
029	Conga2HO-S
030	Conga2HH-T
031	Cong2HMTSW
032	Conga2LOpn
033	Conga2LSIp
034	Conga2LMt
035	Conga2LHel
036	Conga2LTip
037	Conga2LO-S
038	Conga2LH-T
039	Cong2LMtSW
040	BongoH Opn
041	BongoHiRim
042	BongoHi Mt
043	BongoHOpsW
044	BongoL Opn
045	BongoLoRim
046	BongoLo Mt
047	BongoLOpsW
048	TimbalHi
049	TblHiOpRm
050	TimbalLo
051	TblLoOpRm
052	TblPairaHi
053	TblPairaLo
054	Cajon Lo
055	Cajon Foot
056	Cajon Slap
057	Cajon Mute
058	Cajon Tip
059	Cajon SW
060	Cowbell1SW
061	Cowbell2SW
062	Cowbell3SW
063	Cowbell4SW

## Asia Percussion

No.	Name
000	no assign
001	Bayan Ge
002	Bayan Ghe
003	Bayan Ka
004	Bayan Ke
005	Tabla Na
006	Tabla Tin
007	Tabla Di
008	Tabla Tun
009	Tabla Tak
010	TablaTaran
011	Tabla Ti
012	Tabla Ne
013	Dhol LH Op
014	Dhol LH Cl
015	Dhol RH Op
016	Dhol RH Cl
017	KanjiraHit
018	KanjiraShk
019	KanjiraSlp
020	KanjiraBup
021	KanjirBdwn
022	Manjira
023	Manjira Cl
024	ZangGu
025	ZangGu Rim
026	BianGu
027	BianGu Rim
028	BianGuHand
029	TangGu
030	TangGu Rim
031	BanGu Opn
032	BanGu Cls
033	BanGu SW
034	PaiGu 1
035	PaiGu 2
036	PaiGu 3
037	PaiGu 4
038	BeiBangZi
039	NanBangZi
040	MuYu 1
041	MuYu 2
042	MuYu 3
043	MuYu 4
044	XiaoBo Opn
045	XiaoBo Cls
046	XiaoBo SW
047	DaBo Opn
048	DaBo Cls
049	DaBo SW
050	XiaoLuo
051	ZhongLuo
052	HuLuo
053	JingLuo
054	FengLuo
055	DaLuo
056	ShangNao1
057	ShangNao2
058	ShangNao3
059	ShangNao4
060	Qing H
061	Qing L
062	Taiko1 Don
063	Taiko1 Ka

## Africa Arabic Percussion Orchestra Percussion

No.	Name
000	no assign
001	Djembe1 Lo
002	Djembe1 Sl
003	Djembe1 Mt
004	Djembe2 Lo
005	Djembe2 Sl
006	Djembe2 Mt
007	TalkngDrOp
008	TalkngDrSl
009	TalkngDrMt
010	TalkngDrUp
011	TalkngDrSW
012	TikDrOpBnd
013	Dundun Op
014	Dundun Cl
015	Dundun SW
016	Sangban Op
017	Sangban Cl
018	Sangban SW
019	Kenkeni Op
020	Kenkeni Cl
021	Kenkeni SW
022	DundunBlOp
023	DundunBlCl
024	DundunBlSW
025	AfricanBl
026	AfricanBlH
027	AfricaClav
028	ShekereHit
029	ShekereShk
030	ShekereSW1
031	ShekereSW2
032	Darbuka Op
033	Darbuka Mt
034	Darbuka Sl
035	Tombak Op
036	Tombak Tip
037	Tombak SW
038	Tombak Mt
039	Tombak Sl
040	Daf Open
041	Daf Edge
042	Daf Slap
043	Daf Mute
044	Daholla Op
045	Daholla Mt
046	Daholla Sl
047	Riq Open
048	Riq Mute
049	Riq Slap
050	Riq Hit
051	Riq Shake
052	RiqShakeSW
053	Sagat Op
054	Sagat Cl
055	Sagat SW
056	PotDrum Op
057	PotDrum Cl
058	PotDrum SW
059	PotDrmBody

No.	Name
000	no assign
001	GranCasaOp
002	GranCasaMf
003	GranCasaHp
004	BassDrumOp
005	BassDrumMf
006	BassDrumHp
007	OrchSn
008	OrchSnOpRm
009	OrchSnClRm
010	OrchSn Off
011	OrchSnOpOf
012	OrchSnClOf
013	Field Sn
014	FldSn OpRm
015	FldSn ClRm
016	FldSn Off
017	FldSn OpOf
018	FldSn ClOf
019	Tambrin1Sh
020	Tambrin1Ht
021	Tambrin1SW
022	Tambrin2Sh
023	Tambrin2Ht
024	Tambrin2SW
025	OrchTambSk
026	OrTambHtOp
027	OrTambHtCl
028	Vibraslap
029	Castanet1
030	Castanet2
031	Triangl1Mt
032	Triangl1Op
033	Triangl1SW
034	Triangl2Mt
035	Triangl2Op
036	Triangl2SW
037	SleighBel
038	BellTree
039	WindChime
040	RibonCrash
041	FingrCymOp
042	FingrCymCl
043	FingrCymSW
044	HandCym Op
045	HandCymMt1
046	HandCymMt2
047	HandCym SW
048	Tamtam1
049	Tamtam2
050	Stick1
051	Stick2
052	Stick3
053	Stick4
054	Snap
055	Snaps
056	Clap Open
057	Clap Close
058	Clap SW
059	MtrnmBell
060	MtrnmClick
061	Digi Bell
062	Digi Click
063	Brush Open

## Electric Percussion

No.	Name	No.	Name
064	BrushClose	000	no assign
065	Brush Tap	001	T9 Clap
066	Brush OpRm	002	ElecPerc 1
067	Brush Off	003	ElecPerc 2
068	Brush ClOf	004	ElecPerc 3
069	BrushTapOf	005	ElecPerc 4
070	Brush OpOf	006	ElecPerc 5
071	BrushSwli	007	ElecPerc 6
072	GMBrushAc	008	ElecPerc 7
073	GMBrushTap	009	ElecPerc 8
074	GMBrshSw1	010	ElecPerc 9
075	GMBrshSw2	011	ElecPerc10
076	BrushSw1	012	ElecPerc11
077	BrushSw1Of	013	ElecPerc12
078	BrushSw2	014	ElecPerc13
079	BrushSw2Of	015	ElecPerc14
080	SnRoll 1	016	ElecPerc15
081	SnRoll 2	017	ElecPerc16
		018	Hammer
		019	Dist Perc
		020	Metal Perc
		021	WhipSlap
		022	Elec Clap1
		023	Elec Clap2
		024	Anlg Clap1
		025	Anlg Clap2
		026	An Conga 1
		027	An Conga 2
		028	AnCowbell1
		029	AnCowbell2
		030	An Claves
		031	An Shaker
		032	An Bongo
		033	An Guiro
		034	An Vibslap
		035	An Maracas
		036	An Tambal
		037	An Woody
		038	AnlgCowbel
		039	AnlgMetal
		040	AnlgTamb
		041	AnlgMaracs
		042	NLZap
		043	Pulse
		044	ClickNoise
		045	HiQ 1
		046	HiQ 2
		047	HHopClap 1
		048	HHopClap 2
		049	HHopClap 3
		050	HHopClap 4
		051	HHopClap 5
		052	HHopClap 6
		053	HHopClap 7
		054	HipHopSnap
		055	RX5BongoHi
		056	RX5BongoLo
		057	RX5CongaMt
		058	RX5CongaOp
		059	RX5CongaLo
		060	RX5AgogoHi
		061	RX5AgogoLo
		062	RX5Castnet
		063	RX5Cowbell
		064	RX5 Clap
		065	RX5Tambour
		066	RX5 Shaker
		067	Mg FX1
		068	Mg FX2
		069	FX Perc 1
		070	FX Perc 2
		071	FX Perc 3
		072	TempoSycSq
		073	Vox Ah

## EFX

No.	Name	No.	Name
000	no assign	000	no assign
001	CrashGlass	001	CrashGlass
002	Crash Bom	002	Crash Bom
003	Thunder	003	Thunder
004	Glass	004	Glass
005	Gun Shot1	005	Gun Shot1
006	Gun Shot2	006	Gun Shot2
007	Bomb	007	Bomb
008	FX Gun 1	008	FX Gun 1
009	FX Gun 2	009	FX Gun 2
010	Funk Hit	010	Funk Hit
011	BrasHipHit	011	BrasHipHit
012	Ab Hit	012	Ab Hit
013	Long Hit	013	Long Hit
014	Acoust Hit	014	Acoust Hit
015	Pop Hit	015	Pop Hit
016	Digi Hit1	016	Digi Hit1
017	Digi Hit2	017	Digi Hit2
018	XorganHit	018	XorganHit
019	Electer	019	Electer
020	WhiteNoise	020	WhiteNoise
021	Noiz	021	Noiz
022	Ripper	022	Ripper
023	Raspberry	023	Raspberry
024	Moving	024	Moving
025	NeoSeq Em	025	NeoSeq Em
026	Woody Seq	026	Woody Seq
027	Zap 1	027	Zap 1
028	Zap 2	028	Zap 2
029	FX Bell 1	029	FX Bell 1
030	FX Bell 2	030	FX Bell 2
031	FX Chime	031	FX Chime
032	Lazer 1	032	Lazer 1
033	Lazer 2	033	Lazer 2
034	VinylNoise	034	VinylNoise
035	ScratchBD1	035	ScratchBD1
036	ScratchBD2	036	ScratchBD2
037	ScratchBD3	037	ScratchBD3
038	ScratchAtk	038	ScratchAtk
039	ScrachStop	039	ScrachStop
040	ScrachSpin	040	ScrachSpin
041	Scratch F1	041	Scratch F1
042	Scratch R1	042	Scratch R1
043	Scratch F2	043	Scratch F2
044	Scratch R2	044	Scratch R2
045	Scratch R3	045	Scratch R3
046	Scratch 1	046	Scratch 1
047	Scratch 2	047	Scratch 2
048	Scratch 3	048	Scratch 3
049	Scratch 4	049	Scratch 4
050	Scratch 5	050	Scratch 5
051	Scratch 6	051	Scratch 6
052	Scratch 7	052	Scratch 7
053	Scratch 8	053	Scratch 8
054	Scratch 9	054	Scratch 9
055	Scratch SE	055	Scratch SE
056	VoxHitRevr	056	VoxHitRevr
057	TapeRewind	057	TapeRewind
058	DigiVoice1	058	DigiVoice1
059	DigiVoice2	059	DigiVoice2
060	Vox BD1	060	Vox BD1
061	Vox BD2	061	Vox BD2
062	Vox SD1	062	Vox SD1
063	Vox SD2	063	Vox SD2

## Melody

No.	Name	No.	Name
064	Vox ClRm	064	GrandPiano
065	Vox Clap	001	BritePiano
066	Vox HHCls	002	Elec.Grand
067	Vox HHCIEg	003	HonkyTonk
068	Vox HHFt	004	E.Piano1
069	Vox HHSp	005	E.Piano2
070	Vox HHOp	006	Harpsichrd
071	Vox HHEO	007	Clavi
072	Vox HiTom	008	Celesta
073	Vox MidTom	009	Glocken
074	Vox LoTom1	010	MusicBox
075	Vox LoTom2	011	Vibraphone
076	VoxFlrTom1	012	Marimba
077	VoxFlrTom2	013	Xylophone
078	Vox Crash1	014	TublarBell
079	Vox Crash2	015	Dulcimer
080	Vox Splash	016	DrawOrgan
081	Vox China	017	PercOrgan
082	Vox Ride1	018	RockOrgan
083	Vox Ride2	019	PipeOrgan
084	VoxRideCup	020	ReedOrgan
085	Vox Tamb	021	Accordion
086	Vox Cwbl	022	Harmonica
087	Vox Vbrslp	023	TangoAccrd
088	Ainote 1	024	NylonGtr
089	Ainote 2	025	SteelGtr
090	One	026	JazzGtr
091	Two	027	ChoirGtr
092	Three	028	MuteGtr
093	Four	029	Overdrive
094	Ah	030	Dist.Gtr
095	A-ha	031	GtrHarmo
096	AreUReady	032	AcousBass
097	CheckItOut	033	FingerBass
098	Come On	034	PickBass
099	Da-	035	FretlessBs
100	Got It	036	SlapBass1
101	Hot	037	SlapBass2
102	Here We Go	038	SynBass1
103	Hit It	039	SynBass2
104	Kick It	040	Violin
105	Hoh	041	Viola
106	OK	042	Cello
107	Oh Yeah	043	Contrabass
108	Pick It Up	044	TremoloStr
109	Waah	045	Pizz.Str
110	YAMAHA	046	Harp
		047	Timpani
		048	Strings1
		049	Strings2
		050	SynthStr1
		051	SynthStr2
		052	ChoirAah
		053	VoiceOoh
		054	SynVoice
		055	OrchHit
		056	Trumpet
		057	Trombone
		058	Tuba
		059	MuteTrump
		060	Fr.Horn
		061	BrassSect
		062	SynBrass1
		063	SynBrass2
064	SopranoSax	064	SopranoSax
065	AltoSax	065	AltoSax
066	TenorSax	066	TenorSax
067	BaritonSax	067	BaritonSax
068	Oboe	068	Oboe
069	EnglshHorn	069	EnglshHorn
070	Bassoon	070	Bassoon
071	Clarinet	071	Clarinet
072	Piccolo	072	Piccolo
073	Flute	073	Flute
074	Recorder	074	Recorder
075	PanFlute	075	PanFlute
076	Bottle	076	Bottle
077	Shakuhachi	077	Shakuhachi
078	Whistle	078	Whistle
079	Ocarina	079	Ocarina
080	SquareLead	080	SquareLead
081	SawLead	081	SawLead
082	CalliopeLd	082	CalliopeLd
083	ChiffLead	083	ChiffLead
084	CharanLd	084	CharanLd
085	VoiceLead	085	VoiceLead
086	FifthLead	086	FifthLead
087	Bass&Lead	087	Bass&Lead
088	NewAgePad	088	NewAgePad
089	WarmPad	089	WarmPad
090	PolySynth	090	PolySynth
091	ChoirPad	091	ChoirPad
092	BowedPad	092	BowedPad
093	MetalPad	093	MetalPad
094	HaloPad	094	HaloPad
095	SweepPad	095	SweepPad
096	RainPad	096	RainPad
097	SoundTrack	097	SoundTrack
098	Crystal	098	Crystal
099	Atmosphere	099	Atmosphere
100	Brightness	100	Brightness
101	Goblin	101	Goblin
102	Echoes	102	Echoes
103	Sci-Fi	103	Sci-Fi
104	Sitar	104	Sitar
105	Banjo	105	Banjo
106	Shamisen	106	Shamisen
107	Koto	107	Koto
108	Kalimba	108	Kalimba
109	Bagpipe	109	Bagpipe
110	Fiddle	110	Fiddle
111	Shanai	111	Shanai
112	TinkleBell	112	TinkleBell
113	Agogo	113	Agogo
114	SteelDrum	114	SteelDrum
115	Woodblock	115	Woodblock
116	TaikoDrum	116	TaikoDrum
117	MelodicTom	117	MelodicTom
118	SynthDrum	118	SynthDrum
119	RevCymbal	119	RevCymbal
120	FretNoise	120	FretNoise
121	BrthNoise	121	BrthNoise
122	Seashore	122	Seashore
123	Tweet	123	Tweet
124	Telephone	124	Telephone
125	Helicopter	125	Helicopter
126	Applause	126	Applause
127	Gunshot	127	Gunshot

# Voice List

## Kick

No.	Name
000	no assign
001	Birch 22
002	Birch22 Mt
003	Birch 24
004	Birch24 Mt
005	Birch 18
006	Birch18 Mt
007	Oak 22
008	Oak22 Mt
009	BriteOak22
010	BrtOak22Mt
011	Maple 20
012	Maple20 Mt
013	MapleTight
014	MapleTgtMt
015	Beech 20
016	Beech20 Mt
017	Vin70s 24
018	Vin70s24Mt
019	Vin50s 22
020	Vin50s22Mt
021	Compact
022	Compact Mt
023	HardRock
024	Rock 1
025	Rock 2
026	Jazz 1
027	Jazz 2
028	T9-1
029	T9-2
030	T9-3
031	T9-4
032	T9 Hard1
033	T9 Hard2
034	T9 Hard3
035	T8-1
036	T8-2
037	T8-3
038	Elec 1
039	Elec 2
040	Elec 3
041	Elec 4
042	ElecComp 1
043	ElecComp 2
044	ElecComp 3
045	Elec FX 1
046	Elec FX 2
047	Elec Gate
048	Elec Click
049	ElecPow 1
050	ElecPow 2
051	Gate 1
052	Gate 2
053	Gate 3
054	Gate 4
055	Gate 5
056	Gate 6
057	Garage 1
058	Garage 2
059	Garage 3
060	D'N'B 1
061	D'N'B 2
062	Break 1
063	Break 2

## Snare1

No.	Name
000	no assign
001	BirchCustm
002	BirchCOPRm
003	BirchCCIRm
004	BirchC Off
005	BirchCOPOf
006	BirchCCIOf
007	OakCustom
008	OakC OpRm
009	OakC ClRm
010	OakC Off
011	OakC OpOf
012	OakC ClOf
013	Bright Oak
014	BrOak OpRm
015	BrOak ClRm
016	BrOak Off
017	BrOak OpOf
018	BrOak ClOf
019	DeepOak
020	DpOak OpRm
021	DpOak ClRm
022	DpOak Off
023	DpOak OpOf
024	DpOak ClOf
025	MapleCustm
026	MapleCOPRm
027	MapleCCIRm
028	MapleC Off
029	MapleCOPOf
030	MapleCCIOf
031	BlackMaple
032	BlkMplOpRm
033	BlkMplClRm
034	BlkMpl Off
035	BlkMplOpOf
036	BlkMplClOf
037	SmallMaple
038	SmlMplOpRm
039	SmlMplClRm
040	SmlMpl Off
041	SmlMplOpOf
042	SmlMplClOf
043	Cool
044	Cool OpRm
045	Cool ClRm
046	Cool Off
047	Cool OpOf
048	Cool ClOf
049	ThinMaple
050	ThnMplOpRm
051	ThnMplClRm
052	ThnMpl Off
053	ThnMplOpOf
054	ThnMplClOf
055	BeechCustm
056	BeechCOPRm
057	BeechCCIRm
058	BeechC Off
059	BeechCOPOf
060	BeechCCIOf
061	Funky
062	Funky OpRm
063	Funky ClRm

## Snare2

No.	Name
000	no assign
001	T9-1
002	T9-2
003	T9-3
004	T9-4
005	T9-5
006	T9 Gate
007	T9 Rim
008	T8-1
009	T8-2
010	T8-3
011	T8-4
012	T8-5
013	T8 Rim
014	Electro 1
015	Electro 2
016	Electro 3
017	Electro 4
018	Electro 5
019	Electro 6
020	Electro 7
021	Electro 8
022	Electro 9
023	Electro 10
024	Electro 11
025	Electro 12
026	Electro 13
027	Gate 1
028	Gate 2
029	Gate 3
030	Gate 4
031	Gate 5
032	Gate Rim1
033	Gate Rim2
034	Gate Rim3
035	Garage 1
036	Garage 2
037	Garage 3
038	Garage FX
039	GarageVar1
040	GarageVar2
041	D'N'B 1
042	D'N'B 2
043	D'N'B 3
044	D'N'B 4
045	Break 1
046	Break 2
047	Break 3
048	Break 4
049	BreakHeavy
050	Analog 1
051	Analog 2
052	Analog 3
053	Cut
054	FM 1
055	FM 2
056	Clappy
057	Timber
058	Woody
059	Lo-Fi
060	Machine SD
061	AnalogRim1
062	AnalogRim2
063	MachineRm1
064	MachineRm2
065	SE Rim
066	HipHop 1
067	HipHop 2
068	HipHop 3
069	HipHop 4
070	HipHop 5
071	HipHop 6
072	HipHop 7
073	HipHop 8
074	HipHop 9
075	HipHop 10
076	HipHop 11
077	HipHop 12
078	HipHop 13
079	HipHop 14
080	HipHop 15
081	HipHop 16
082	HipHop 17
083	HipHop 18
084	HipHop 19
085	HipHop 20
086	HipHop 21
087	HipHop 22
088	HipHop 23
089	HipHopGate
090	HipHopRim1
091	HipHopRim2
092	HipHopRim3
093	HipHopRim4
094	HipHopRim5
095	HipHopRim6
096	HipHopRim7
097	R&B 1
098	R&B 2
099	R&B OpRm
100	DigiNeo 1
101	DigiNeo 2
102	DigiNeo 3
103	RX11-1
104	RX11-2
105	RX11 Rim
106	RX5-1
107	RX5-2
108	RX5-3
109	RX5 OpRm
110	RX5 ClRm
111	Mg 1
112	Mg 2
113	Sm SD
114	Synth
115	FX
116	Random
117	Rezonance
118	Tremolo
119	Filter
120	Buzz Elec
121	SnareVar 1
122	SnareVar 2
123	SnareVar 3
124	SnareVar 4
125	Loud
126	Hip 1
127	Hip 2



**Tom1**

**Tom1**

No.	Name
000	no assign
001	Birch H
002	Birch H Rm
003	Birch H Hp
004	Birch M
005	Birch M Rm
006	Birch M Hp
007	Birch L
008	Birch L Rm
009	Birch L Hp
010	Birch F
011	Birch F Rm
012	Birch F Hp
013	Oak H
014	Oak H Rm
015	Oak H Hp
016	Oak M
017	Oak M Rm
018	Oak M Hp
019	Oak L
020	Oak L Rm
021	Oak L Hp
022	Oak F
023	Oak F Rm
024	Oak F Hp
025	Maple H
026	Maple H Rm
027	Maple H Hp
028	Maple M
029	Maple M Rm
030	Maple M Hp
031	Maple L
032	Maple L Rm
033	Maple L Hp
034	Maple F
035	Maple F Rm
036	Maple F Hp
037	Beech H
038	Beech H Rm
039	Beech H Hp
040	Beech M
041	Beech M Rm
042	Beech M Hp
043	Beech L
044	Beech L Rm
045	Beech L Hp
046	Beech F
047	Beech F Rm
048	Beech F Hp
049	Vin70s H
050	Vin70 H Rm
051	Vin70 H Hp
052	Vin70s M
053	Vin70 M Rm
054	Vin70 M Hp
055	Vin70s L
056	Vin70 L Rm
057	Vin70 L Hp
058	Vin50s H
059	Vin50 H Rm
060	Vin50 H Hp
061	Vin50s M
062	Vin50 M Rm
063	Vin50 M Hp

**Tom2**

**Tom2**

No.	Name
000	no assign
001	T9 H
002	T9 M
003	T9 L
004	T8 H
005	T8 M
006	T8 L
007	T8 Shot H
008	T8 Shot M
009	T8 Shot L
010	T8 Long H
011	T8 Long M
012	T8 Long L
013	Dist H
014	Dist M
015	Dist L
016	SynTom1 H
017	SynTom1 M
018	SynTom1 L
019	SynTom2 H
020	SynTom2 M
021	SynTom2 L
022	SynTom3 H
023	SynTom3 M
024	SynTom3 L
025	FM H
026	FM M
027	FM L
028	RX11 H
029	RX11 M
030	RX11 L
031	RX5 H
032	RX5 M
033	RX5 L
034	RX5 Elec H
035	RX5 Elec M
036	RX5 Elec L
037	Sm H
038	Sm M
039	Sm L
040	Sm Tip
041	AN Tom1 H
042	AN Tom1 M
043	AN Tom1 L
044	AN Tom2 H
045	AN Tom2 M
046	AN Tom3 L
047	AN Reso
048	Reverse

**Cymbal**

**Cym**

No.	Name
000	no assign
001	BriteRd20
002	Brtrd20Eg
003	Brtrd20Cp
004	MellowRd22
005	MelwRd22Eg
006	MelwRd22Cp
007	VintgeRd22
008	VntgRd22Eg
009	VntgRd22Cp
010	Dark Rd20
011	DarkRd20Eg
012	DarkRd20Cp
013	Warm Rd20
014	WarmRd20Eg
015	WarmRd20Cp
016	BrSzlRd20
017	BrSzlRd20Eg
018	BrSzlRd20Cp
019	DkSzlRd20
020	DkSzlRd20Eg
021	DkSzlRd20Cp
022	VividCr16
023	VivdCr16Eg
024	VivdCr16Cp
025	BriteCr16
026	Brtr16Eg
027	Brtr16Cp
028	VintgeCr16
029	VntgCr16Eg
030	VntgCr16Cp
031	Warm Cr16
032	WarmCr16Eg
033	WarmCr16Cp
034	VividCr18
035	VivdCr18Eg
036	VivdCr18Cp
037	HeavyCr18
038	HevyCr18Eg
039	HecyCr18Cp
040	VintgeCr18
041	VntgCr18Eg
042	VntgCr18Cp
043	Dark Cr18
044	DarkCr18Eg
045	DarkCr18Cp
046	Warm Cr18
047	WarmCr18Eg
048	WarmCr18Cp
049	HeavyCr18
050	HvyCr18Eg
051	HvyCr18Cp
052	China20
053	China20Eg
054	China22
055	China22Eg
056	China22Cp
057	China17Eg
058	China17Sd
059	China17
060	China19
061	China19Eg
062	Splash 1
063	Splash 2
064	Splash 3
065	Trash 1
066	Trash 2
067	Trash 3
068	Trash 4
069	BrushRd22
070	BrsRd22Eg
071	BrsRd22Cp
072	BrashCr16
073	BrsCr16Eg
074	BrsCr16Cp

No.	Name
075	BrushCr18
076	BrsCr18Eg
077	BrsCr18Cp
078	T9 Ride
079	T9 Crash
080	T8 Ride1
081	T8 Ride2
082	T8 Crash
083	Elec Ride
084	Syn China
085	SynthCrash
086	MachineCym
087	RX11 Ride
088	RX11 Crash
089	RX5 Cup
090	RX5 Edge
091	RX5 Crash
092	RX5 China
093	FX Cym
094	FX SynCym
095	W Revrscym

No.	Name
047	Ring 14Ft
048	Ring 14Sp
049	Brush Op
050	Brush EO
051	Brush Cl
052	Brush EC
053	T9 Op
054	T9 Cl
055	T8 Op 1
056	T8 Cl 1
057	T8 Op 2
058	T8 Cl 2
059	RtmBx Op
060	RtmBx Cl
061	RtmBx Ft
062	RtmBx Sp
063	Break Cl
064	Break Pdl
065	D'N'B Op
066	D'N'B Cl
067	D'N'B Pdl
068	D'N'B Rvrs
069	Tek Op
070	Tek Cl
071	Lo-Fi Op
072	Lo-Fi Cl
073	Analog Op
074	Analog Cl
075	Synth1 Op
076	Synth1 Cl
077	Synth2 Op
078	Synth2 Cl
079	Machine Op
080	Machine Cl
081	Hip Op
082	Hip Cl
083	Hip Ft
084	NeoHat Op
085	NeoHat Cl
086	NeoHat Ft
087	RX11 Op
088	RX11 Cl
089	RX5 Op
090	RX5 Cl
091	FX HH

**Hi-Hat**

**HH**

No.	Name
000	no assign
001	Vivid 13Op
002	Vivid 13EO
003	Vivid 13Cl
004	Vivid 13EC
005	Vivid 13Ft
006	Vivid 13Sp
007	Warm1 13Op
008	Warm1 13EO
009	Warm1 13Cl
010	Warm1 13EC
011	Warm1 13Ft
012	Warm1 13Sp
013	Warm2 13Op
014	Warm2 13EO
015	Warm2 13Cl
016	Warm2 13EC
017	Warm2 13Ft
018	Warm2 13Sp
019	Dark 14Op
020	Dark 14EO
021	Dark 14Cl
022	Dark 14EC
023	Dark 14Ft
024	Dark 14Sp
025	Cool 14Op
026	Cool 14EO
027	Cool 14Cl
028	Cool 14EC
029	Cool 14Ft
030	Cool 14Sp
031	Vintg 14Op
032	Vintg 14EO
033	Vintg 14Cl
034	Vintg 14EC
035	Vintg 14Ft
036	Vintg 14Sp
037	Brite 14Op
038	Brite 14EO
039	Brite 14Cl
040	Brite 14EC
041	Brite 14Ft
042	Brite 14Sp
043	Ring 14Op
044	Ring 14EO
045	Ring 14Cl
046	Ring 14EC

**LatinPerc**

Latin	
No.	Name
000	no assign
001	Quinto Op
002	QuintoSlap
003	QuintoMute
004	QuintoHeel
005	Quinto Tip
006	Quinto O-S
007	Quinto H-T
008	Conga Op
009	Conga Slap
010	Conga Mute
011	Conga Heel
012	Conga Tip
013	Conga O-S
014	Conga H-T
015	Conga MtSW
016	Tumba Open
017	Tumba Slap
018	Tumba Mute
019	Tumba Heel
020	Tumba Tip
021	TumbaGliss
022	Tumba H-T
023	Tumba MtSW
024	Conga2HOpn
025	Conga2HSIp
026	Conga2HMT
027	Conga2HHel
028	Conga2HTip
029	Conga2HO-S
030	Conga2HH-T
031	Conga2HMTSW
032	Conga2LOpn
033	Conga2LSIp
034	Conga2LMT
035	Conga2LHel
036	Conga2LTip
037	Conga2LO-S
038	Conga2LH-T
039	Conga2LMTSW
040	BongoH Opn
041	BongoHiRim
042	BongoHi Mt
043	BongoHOpSW
044	BongoL Opn
045	BongoLoRim
046	BongoLo Mt
047	BongoLOpSW
048	TimbalHi
049	TblHiOpRm
050	TimbalLo
051	TblLoOpRm
052	TblPairaHi
053	TblPairaLo
054	Cajon Lo
055	Cajon Foot
056	Cajon Slap
057	Cajon Mute
058	Cajon Tip
059	Cajon SW
060	Cowbell1SW
061	Cowbell2SW
062	Cowbell3SW
063	Cowbell4SW

**AsiaPerc**

Asia	
No.	Name
000	no assign
001	Bayan Ge
002	Bayan Ghe
003	Bayan Ka
004	Bayan Ke
005	Tabla Na
006	Tabla Tin
007	Tabla Di
008	Tabla Tun
009	Tabla Tak
010	TablaTaran
011	Tabla Ti
012	Tabla Ne
013	Dhol LH Op
014	Dhol LH Cl
015	Dhol RH Op
016	Dhol RH Cl
017	KanjiraHit
018	KanjiraShk
019	KanjiraSlp
020	KanjiraBup
021	KanjirBdwn
022	Manjira
023	Manjira Cl
024	ZangGu
025	ZangGu Rim
026	BianGu
027	BianGu Rim
028	BianGuHand
029	TangGu
030	TangGu Rim
031	BanGu Opn
032	BanGu Slp
033	BanGu SW
034	PaiGu 1
035	PaiGu 2
036	PaiGu 3
037	PaiGu 4
038	BeiBangZi
039	NanBangZi
040	MuYu 1
041	MuYu 2
042	MuYu 3
043	MuYu 4
044	XiaoBo Opn
045	XiaoBo Cls
046	XiaoBo SW
047	DaBo Opn
048	DaBo Cls
049	DaBo SW
050	XiaoLuo
051	ZhongLuo
052	HuLuo
053	JingLuo
054	FengLuo
055	DaLuo
056	ShangNao1
057	ShangNao2
058	ShangNao3
059	ShangNao4
060	Qing H
061	Qing L
062	Taiko1 Don
063	Taiko1 Ka

**AfrcArbcPerc**

AfAr	
No.	Name
000	no assign
001	Djembe1 Lo
002	Djembe1 Sl
003	Djembe1 Mt
004	Djembe2 Lo
005	Djembe2 Sl
006	Djembe2 Mt
007	TalkngDrOp
008	TalkngDrSl
009	TalkngDrMt
010	TalkngDrUp
011	TalkngDrSW
012	TlkDrOpBnd
013	Dundun Op
014	Dundun Cl
015	Dundun SW
016	Sangban Op
017	Sangban Cl
018	Sangban SW
019	Kenkeni Op
020	Kenkeni Cl
021	Kenkeni SW
022	DundunBIOp
023	DundunBICl
024	DundunBISW
025	AfricanBIL
026	AfricanBIH
027	AfricaClav
028	ShekereHit
029	ShekereShk
030	ShekereSW1
031	ShekereSW2
032	Darbuka Op
033	Darbuka Mt
034	Darbuka Sl
035	Tombak Op
036	Tombak Tip
037	Tombak SW
038	Tombak Mt
039	Tombak Sl
040	Daf Open
041	Daf Edge
042	Daf Slap
043	Daf Mute
044	Daholla Op
045	Daholla Mt
046	Daholla Sl
047	Riq Open
048	Riq Mute
049	Riq Slap
050	Riq Hit
051	Riq Shake
052	RiqShakeSW
053	Sagat Op
054	Sagat Cl
055	Sagat SW
056	PotDrum Op
057	PotDrum Cl
058	PotDrum SW
059	PotDrmBody

**OrchPerc**

Orch	
No.	Name
000	no assign
001	GranCasaOp
002	GranCasaMf
003	GranCasaHp
004	BassDrumOp
005	BassDrumMf
006	BassDrumHp
007	OrchSn
008	OrchSnOpRm
009	OrchSnClRm
010	OrchSn Off
011	OrchSnOpOf
012	OrchSnClOf
013	Field Sn
014	FldSn OpRm
015	FldSn ClRm
016	FldSn Off
017	FldSn OpOf
018	FldSn ClOf
019	Tambryn1Sh
020	Tambryn1HT
021	Tambryn1SW
022	Tambryn2Sh
023	Tambryn2Ht
024	Tambryn2SW
025	OrchTambSk
026	OrTambHTOp
027	OrTambHTCl
028	Vibraslap
029	Castanet1
030	Castanet2
031	Triangl1Mt
032	Triangl1Op
033	Triangl1SW
034	Triangl2Mt
035	Triangl2Op
036	Triangl2SW
037	SleighBel
038	BellTree
039	WindChime
040	RibonCrash
041	FingrCymOp
042	FingrCymCl
043	FingrCymSW
044	HandCym Op
045	HandCymMt1
046	HandCymMt2
047	HandCym SW
048	Tamtam1
049	Tamtam2
050	Stick1
051	Stick2
052	Stick3
053	Stick4
054	Snap
055	Snaps
056	Clap Open
057	Clap Close
058	Clap SW
059	MtrnmBell
060	MtrnmClick
061	Digi Bell
062	Digi Click
063	Brush Open



### ElectricPerc

#### EIPc

No.	Name
064	BrushClose
065	Brush Tap
066	Brush OpRm
067	Brush Off
068	Brush ClOf
069	BrushTapOf
070	Brush OpOf
071	BrushSwili
072	GMBrushAc
073	GMBrushTap
074	GMBrshSw1
075	GMBrshSw2
076	BrushSw1
077	BrushSw1Of
078	BrushSw2
079	BrushSw2Of
080	SnRoll 1
081	SnRoll 2

No.	Name
000	no assign
001	T9 Clap
002	ElecPerc 1
003	ElecPerc 2
004	ElecPerc 3
005	ElecPerc 4
006	ElecPerc 5
007	ElecPerc 6
008	ElecPerc 7
009	ElecPerc 8
010	ElecPerc 9
011	ElecPerc10
012	ElecPerc11
013	ElecPerc12
014	ElecPerc13
015	ElecPerc14
016	ElecPerc15
017	ElecPerc16
018	Hammer
019	Dist Perc
020	Metal Perc
021	WhipSlap
022	Elec Clap1
023	Elec Clap2
024	Anlg Clap1
025	Anlg Clap2
026	An Conga 1
027	An Conga 2
028	AnCowbell1
029	AnCowbell2
030	An Claves
031	An Shaker
032	An Bongo
033	An Guiro
034	An Vibslap
035	An Maracas
036	An Tambal
037	An Woody
038	AnlgCowbel
039	AnlgMetal
040	AnlgTamb
041	AnlgMaracs
042	NLZap
043	Pulse
044	ClickNoise
045	HiQ 1
046	HiQ 2
047	HHopClap 1
048	HHopClap 2
049	HHopClap 3
050	HHopClap 4
051	HHopClap 5
052	HHopClap 6
053	HHopClap 7
054	HipHopSnap
055	RX5BongoHi
056	RX5BongoLo
057	RX5CongaMt
058	RX5CongaOp
059	RX5CongaLo
060	RX5AgogoHi
061	RX5AgogoLo
062	RX5Castnet
063	RX5Cowbell
064	RX5 Clap
065	RX5Tambour
066	RX5 Shaker
067	Mg FX1
068	Mg FX2
069	FX Perc 1
070	FX Perc 2
071	FX Perc 3
072	TempoSycSq
073	Vox Ah

### EFX

#### EFX

No.	Name
000	no assign
001	CrashGlass
002	Crash Bom
003	Thunder
004	Glass
005	Gun Shot1
006	Gun Shot2
007	Bomb
008	FX Gun 1
009	FX Gun 2
010	Funk Hit
011	BrasHipHit
012	Ab Hit
013	Long Hit
014	Acoust Hit
015	Pop Hit
016	Digi Hit1
017	Digi Hit2
018	XorganHit
019	Electer
020	WhiteNoise
021	Noiz
022	Ripper
023	Raspberry
024	Moving
025	NeoSeq Ern
026	Woody Seq
027	Zap 1
028	Zap 2
029	FX Bell 1
030	FX Bell 2
031	FX Chime
032	Lazer 1
033	Lazer 2
034	VinylNoise
035	ScratchBD1
036	ScratchBD2
037	ScratchBD3
038	ScratchAtk
039	ScrachStop
040	ScrachSpin
041	Scratch F1
042	Scratch R1
043	Scratch F2
044	Scratch R2
045	Scratch R3
046	Scratch 1
047	Scratch 2
048	Scratch 3
049	Scratch 4
050	Scratch 5
051	Scratch 6
052	Scratch 7
053	Scratch 8
054	Scratch 9
055	Scratch SE
056	VoxHitRevr
057	TapeRewind
058	DigiVoice1
059	DigiVoice2
060	Vox BD1
061	Vox BD2
062	Vox SD1
063	Vox SD2

### Melody

#### Mldy

No.	Name
064	Vox ClRm
065	Vox Clap
066	Vox HHCls
067	Vox HHCIEg
068	Vox HHFt
069	Vox HHSp
070	Vox HHOp
071	Vox HHEO
072	Vox HiTom
073	Vox MidTom
074	Vox LoTom1
075	Vox LoTom2
076	VoxFlrTom1
077	VoxFlrTom2
078	Vox Crash1
079	Vox Crash2
080	Vox Splash
081	Vox China
082	Vox Ride1
083	Vox Ride2
084	VoxRideCup
085	Vox Tamb
086	Vox Cwbl
087	Vox Vbrslp
088	Ainote 1
089	Ainote 2
090	One
091	Two
092	Three
093	Four
094	Ah
095	A-ha
096	AreUReady
097	CheckItOut
098	Come On
099	Da-
100	Got It
101	Hot
102	Here We Go
103	Hit It
104	Kick It
105	Hoh
106	OK
107	Oh Yeah
108	Pick It Up
109	Waoh
110	YAMAHA

No.	Name
000	GrandPiano
001	BritePiano
002	Elec.Grand
003	HonkyTonk
004	E.Piano1
005	E.Piano2
006	Harpsichrd
007	Clavi
008	Celesta
009	Glocken
010	MusicBox
011	Vibraphone
012	Marimba
013	Xylophone
014	TublarBell
015	Dulcimer
016	DrawOrgan
017	PercOrgan
018	RockOrgan
019	PipeOrgan
020	ReedOrgan
021	Accordion
022	Harmonica
023	TangoAccrd
024	NylonGtr
025	SteelGtr
026	JazzGtr
027	CleanGtr
028	MuteGtr
029	Overdrive
030	Dist.Gtr
031	GtrHarmo
032	AcousBass
033	FingerBass
034	PickBass
035	FretlessBs
036	SlapBass1
037	SlapBass2
038	SynBass1
039	SynBass2
040	Violin
041	Viola
042	Cello
043	Contrabass
044	TremoloStr
045	Pizz.Str
046	Harp
047	Timpani
048	Strings1
049	Strings2
050	SynthStr1
051	SynthStr2
052	ChoirAah
053	VoiceOoh
054	SynVoice
055	OrchHit
056	Trumpet
057	Trombone
058	Tuba
059	MuteTrump
060	Fr.Horn
061	BrassSect
062	SynBrass1
063	SynBrass2

No.	Name
064	SopranoSax
065	AltoSax
066	TenorSax
067	BaritonSax
068	Oboe
069	EnglshHorn
070	Bassoon
071	Clarinet
072	Piccolo
073	Flute
074	Recorder
075	PanFlute
076	Bottle
077	Shakuhachi
078	Whistle
079	Ocarina
080	SquareLead
081	SawLead
082	CalliopeLd
083	ChiffLead
084	CharanLd
085	VoiceLead
086	FifthLead
087	Bass&Lead
088	NewAgePad
089	WarmPad
090	PolySynth
091	ChoirPad
092	BowedPad
093	MetalPad
094	HaloPad
095	SweepPad
096	RainPad
097	SoundTrack
098	Crystal
099	Atmosphere
100	Brightness
101	Goblin
102	Echoes
103	Sci-Fi
104	Sitar
105	Banjo
106	Shamisen
107	Koto
108	Kalimba
109	Bagpipe
110	Fiddle
111	Shanai
112	TinkleBell
113	Agogo
114	SteelDrum
115	Woodblock
116	TaikoDrum
117	MelodicTom
118	SynthDrum
119	RevCymbal
120	FretNoise
121	BrthNoise
122	Seashore
123	Tweet
124	Telephone
125	Helicopter
126	Applause
127	Gunshot

## Song List

No.	Genre	Name
01	Demo	Demo 01
02		Demo 02
03	Rock	SkatePunk
04		SouthRock
05		ChartRock
06	Hard Rock/Metal	FastRock
07		PowerRock
08		LA Metal
09		RockMix
10		5/4ProgRck
11		ThrashMtl
12	Funk	ClasscFunk
13		R&B Funk
14		CoolFunk
15		ModernFunk
16	Shuffle	ClsShuffle
17		80sShuffle
18	Blues	MedBlues
19		SlowBlues
20	Hip Hop	US HipHop
21		EuroHipHop
22	R&B	NewR&B
23		ModernSoul
24	Dance	ClubDance
25		ClubLatin
26	Pop	UK SoulPop
27		CountryPop
28		BritPop
29		6/8Pop
30		Disco
31		SlowPopRck
32		ModernBld
33	Ballad	6/8Ballad
34		PowerBld
35	Rock'n'Roll	RocknRoll
36	Jazz	JazzSwing
37		FastSwing
38		AfroCuban
39		JazzWaltz
40	Bossa Nova	BossaNova
41	Fusion	US-Fusion
42		J-Fusion
43	Latin	LatinSamba
44		LatinSongo
45	Reggae	Reggae
46	Second Line	2ndLine
47	Pad Song	Funk C
48		Funk F
49		FunkOrgan
50		AltRock1
51		AltRock2
52		AltRock3
53	PercussionLoop	Bongo
54		Conga1
55		Conga2
56		Cajon
57		TablaC/E
58		Djembe6/8
59		Djembe16Bt
60		Tambourin
61		Triangle
62		Samba
63		China

## Master EQ List

No.	Name
1	Flat
2	Low/High Boost
3	Low Boost
4	High Boost
5	Low Cut

## Trigger Setup List

No.	Name	Description
01	Normal	Standard Response
02	Wide	Ultra Expressive
03	Narrow	Loud & Punchy
04	750K Normal	Standard Response
05	750K Wide	Ultra Expressive
06	750K Narrow	Loud & Punchy
07	700K Normal	Standard Response
08	700K Wide	Ultra Expressive
09	700K Narrow	Loud & Punchy
10		
11		
12		
13		
14		
15	(User Trigger)	
16		
17		
18		
19		
20		

# Effect Type List

Category	Category (Display)	Effect Type Name	Rev	Cho	Var
	—	No Effect	0	0	0
<b>COMPRESSOR&amp;EQ</b>					
	C&E	Compressor			0
	C&E	MltBndComp			0
	C&E	3 Band EQ			0
	C&E	Vintage EQ			0
	C&E	Enhancer			0
<b>FLANGER&amp;PHASER</b>					
	F&P	SPX Flanger		0	0
	F&P	TempoFlanger		0	0
	F&P	PhaserMono			0
	F&P	PhaserStereo			0
	F&P	TempoPhaser			0
<b>DISTORTION</b>					
	DST	AmpSim 1			0
	DST	AmpSim 2			0
	DST	CompDist			0
	DST	CompDistDly			0
<b>WAH</b>					
	WAH	AutoWah			0
	WAH	TouchWah			0
	WAH	TouchWahDist			0
<b>REVERB</b>					
	REV	SPX Hall	0		0
	REV	SPX Room	0		0
	REV	SPX Stage	0		0
	REV	R3 Hall	0		
	REV	R3 Room	0		
	REV	R3 Plate	0		
	REV	EarlyRef			0
	REV	GateReverb			0
	REV	ReverseGate			0
<b>CHORUS</b>					
	CHO	G Chorus		0	0
	CHO	2 Modulator		0	0
	CHO	SPX Chorus		0	0
	CHO	Symphonic		0	0
	CHO	Ensemble			0
<b>TREMOLO&amp;ROTARY</b>					
	T&R	AutoPan			0
	T&R	Tremolo			0
	T&R	RotarySp			0
<b>DELAY</b>					
	DLY	CrossDelay			0
	DLY	TempoCrosDly			0
	DLY	TempoDlyMono			0
	DLY	TempoDlySt			0
	DLY	Delay LR			0
	DLY	Delay LCR			0
	DLY	Delay LR St			0
<b>MISC</b>					
	MSC	Isolator			0
	MSC	Telephone			0
	MSC	TalkingMod			0
	MSC	PitchChange			0

# Effect Parameter List

## Reverb Block

### [0] No Effect

When this type is selected, no parameters are available.

### [1] R3 Hall

### [2] SPX Hall

### [3] R3 Room

### [4] SPX Room

### [5] R3Plate

### [6] SPX Stage

RevTime	0.3s – 30.0s
InitDly	0.1ms – 99.3ms
RevDly	0.1ms – 39.5ms
HPF	20Hz – 8.0kHz
LPF	1.0kHz – 20.0kHz
Diffuse	0 – 10
Density	0 – 4
ER/Rev	E63>R – E=R – E<R63
FBLevel	-63 – +63
FBHiDmp	0.1 – 1.0

## Chorus Block

### [0] No Effect

When this type is selected, no parameters are available.

### [1] G Chorus

LFOSpeed	0.000Hz – 39.70Hz
PMDepth	0 – 127
InpMode	mono/stereo
L.Freq	32Hz – 2.0kHz
L.Gain	-12dB – +12dB
H.Freq	500Hz – 16.0kHz
H.Gain	-12dB – +12dB
M.Freq	100Hz – 10.0kHz
M.Gain	-12dB – +12dB
M.Width	0.1 – 12.0
DlyOfst	0.0ms – 50.0ms
FBLevel	-63 – +63

### [2] 2 Modulator

LFOSpeed	0.000Hz – 39.70Hz
AMDepth	0 – 127
PMDepth	0 – 127
InpMode	mono/stereo
L.Freq	32Hz – 2.0kHz
L.Gain	-12dB – +12dB
H.Freq	500Hz – 16.0kHz
H.Gain	-12dB – +12dB
M.Freq	100Hz – 10.0kHz
M.Gain	-12dB – +12dB
M.Width	0.1 – 12.0
DlyOfst	0.0ms – 50.0ms
FBLevel	-63 – +63

### [3] SPX Chorus

LFOSpeed	0.000Hz – 39.70Hz
LFODpth	0 – 127
InpMode	mono/stereo
L.Freq	32Hz – 2.0kHz
L.Gain	-12dB – +12dB
H.Freq	500Hz – 16.0kHz
H.Gain	-12dB – +12dB
M.Freq	100Hz – 10.0kHz
M.Gain	-12dB – +12dB
M.Width	0.1 – 12.0
DlyOfst	0.0ms – 50.0ms
FBLevel	-63 – +63

### [4] Symphonic

LFOSpeed	0.000Hz – 39.70Hz
LFODpth	0 – 127
DlyOfst	0.0ms – 50.0ms
L.Freq	32Hz – 2.0kHz
L.Gain	-12dB – +12dB
H.Freq	500Hz – 16.0kHz
H.Gain	-12dB – +12dB
M.Freq	100Hz – 10.0kHz
M.Gain	-12dB – +12dB
M.Width	0.1 – 12.0

### [5] SPX Flanger

LFOSpeed	0.000Hz – 39.70Hz
LFODpth	0 – 127
LFODiff	-180deg – +180deg
L.Freq	32Hz – 2.0kHz
L.Gain	-12dB – +12dB
H.Freq	500Hz – 16.0kHz
H.Gain	-12dB – +12dB
M.Freq	100Hz – 10.0kHz
M.Gain	-12dB – +12dB
M.Width	0.1 – 12.0
DlyOfst	0.0ms – 50.0ms
FBLevel	-63 – +63

### [6] TempoFlanger

LFOSpeed	16th – 4thx16
LFODpth	0 – 127
LFODiff	-180deg – +180deg
L.Freq	32Hz – 2.0kHz
L.Gain	-12dB – +12dB
H.Freq	500Hz – 16.0kHz
H.Gain	-12dB – +12dB
M.Freq	100Hz – 10.0kHz
M.Gain	-12dB – +12dB
M.Width	0.1 – 12.0
DlyOfst	0.0ms – 50.0ms
FBLevel	-63 – +63

## Variation Block

### [0] No Effect

When this type is selected, no parameters are available.

## Category: C&E (Compressor & EQ)

### [1] Compressor

Attack	1ms – 40ms
Release	10ms – 680ms
Thresh	-48dB – -6dB
Ratio	1.0 – 20.0
OutLvl	0 – 127

### [2] MltBndComp

LowAtk	1ms – 200ms
LowTh	-54dB – -6dB
LowRat	1.0 – 20.0
LowGain	-∞dB – +18dB
MidAtk	1ms – 200ms
MidTh	-54dB – -6dB
MidRad	1.0 – 20.0
MidGain	-∞dB – +18dB
HiAtk	1ms – 200ms
HiTh	-54dB – -6dB
HiRad	1.0 – 20.0
HiGain	-∞dB – +18dB
DivFreqL	16.0Hz – 20.0kHz
DivFreqH	16.0Hz – 20.0kHz
CommonRel	10ms – 3000ms

### [3] 3 Band EQ

InpMode	mono/stereo
L.Freq	50Hz – 2.0kHz
L.Gain	-12dB – +12dB
M.Freq	100Hz – 16.0kHz
M.Gain	-12dB – +12dB
M.Width	0.1 – 12.0
H.Freq	500Hz – 16.0kHz
H.Gain	-12dB – +12dB

### [4] Vintage EQ

EQ1Freq	31.5Hz – 2.0kHz
EQ1Gain	-12.0dB – +12.0dB
EQ2Q	0.50 – 16.00
EQ2Freq	50.0Hz – 20.0kHz
EQ2Gain	-18.0dB – +18.0dB
EQ3Q	0.50 – 16.00
EQ3Freq	50.0Hz – 20.0kHz
EQ3Gain	-18.0dB – +18.0dB
EQ4Q	0.50 – 16.00
EQ4Freq	50.0Hz – 20.0kHz
EQ4Gain	-18.0dB – +18.0dB
EQ5Freq	500Hz – 20.0kHz
EQ5Gain	-12.0dB – +12.0dB
OutLvl	-12.0dB – +12.0dB

### [5] Enhancer

HPF	500Hz – 16.0kHz
Drive	0 – 127
MixLvl	0 – 127

## Category: F&P (Flanger & Phaser)

### [1] SPX Flanger

LFOSpeed	0.000Hz – 39.70Hz
LFODpth	0 – 127
LFODiff	-180deg – +180deg
L.Freq	32Hz – 2.0kHz
L.Gain	-12dB – +12dB
H.Freq	500Hz – 16.0kHz
H.Gain	-12dB – +12dB
M.Freq	100Hz – 10.0kHz
M.Gain	-12dB – +12dB
M.Width	0.1 – 12.0
DlyOfst	0.0ms – 50.0ms
FBLevel	-63 – +63

### [2] TempoFlanger

LFOSpeed	16th – 4thx16
LFODpth	0 – 127
LFODiff	-180deg – +180deg
L.Freq	32Hz – 2.0kHz
L.Gain	-12dB – +12dB
H.Freq	500Hz – 16.0kHz
H.Gain	-12dB – +12dB
M.Freq	100Hz – 10.0kHz
M.Gain	-12dB – +12dB
M.Width	0.1 – 12.0
DlyOfst	0.0ms – 50.0ms
FBLevel	-63 – +63

### [3] PhaserMono

Speed	0.100Hz – 10.0Hz
Manual	0 – 127
Depth	0 – 127
Feedback	0 – 127
Stage	4, 6, 8, 10, 12, 16
Mode	1, 2, 3
Color	0 – 127

The color parameter is not available in the following conditions: When Mode is set to 1 and Stage is set to 4, 6, 8, 12 or 16; or when Mode is set to 2 and Stage is set to 4 or 10.

### [4] PhaserStereo

Speed	0.100Hz – 10.0Hz
Manual	0 – 127
Depth	0 – 127
Feedback	0 – 127
Stage	4, 6, 8, 10
Mode	1, 2
Color	0 – 127

The color parameter is not available in the following conditions: When Mode is set to 1 and Stage is set to 4, 6 or 8; or when Mode is set to 2 and Stage is set to 4 or 10.

### [5] TempoPhaser

LFOSpeed	16th – 4thx16
LFODpth	0 – 127
Diffuse	mono/stereo
L.Freq	32Hz – 2.0kHz
L.Gain	-12dB – +12dB
H.Freq	500Hz – 16.0kHz
H.Gain	-12dB – +12dB
Stage	4 – 22
PhShiftOfst	0 – 127
FBLevel	-63 – +63

## Category: DST (Distortion)

### [1] AmpSim 1

OverDr	0 – 100%
Device	tr/tube/dist1/dist2/fuzz
Speaker	flat/stack/combo/twin/radio/ megaphn
Presenc	-10 – +10
OutLvl	0 – 100%

### [2] AmpSim 2

AmpType	off/stack/combo/tube/crunch/ hiGain/british
OverDr	0 – 127
OutLvl	0 – 127
LPF	1.0kHz – 20.0kHz

### [3] CompDist

Attack	1ms – 40ms
Release	10ms – 680ms
Thresh	-48dB – -6dB
Ratio	1.0 – 20.0
L.Freq	32Hz – 2.0kHz
L.Gain	-12dB – +12dB
OverDr	0 – 127
OutLvl	0 – 127
M.Freq	100Hz – 10.0kHz
M.Gain	-12dB – +12dB
M.Width	0.1 – 12.0
Edge	0 – 127
LPF	1.0kHz – 20.0kHz

### [4] CompDistDly

OverDr	0 – 100%
Device	tr/tube/dist1/dist2/fuzz/
Speaker	flat/stack/combo/twin/radio/ megaphn
Presenc	-10 – +10
DelayL	0.1ms – 743.0ms
DelayR	0.1ms – 1638.3ms
FBTime	0.1ms – 1638.3ms
FBLevel	-63 – +63
FBHiDmp	0.1 – 1.0
OutLvl	0 – 100%
DlyMix	0 – 127
Compres	-48dB – -6dB

## Category: WAH (Wah)

### [1] AutoWah

Speed	0.100Hz – 20.0Hz
Bottom	0 – 127
Top	0 – 127
ResoOfst	-12.0 – +12.0
LFOWave	sin/trp
Type	high/mid/low/bass
OverDr	0.0dB – +40.0dB
Output	-20.0dB – +10.0dB

When the Value of Bottom is greater than Top, the sound will not be modulated and only the Bottom Value is available.

### [2] TouchWah

Sens	0 – 127
Bottom	0 – 127
Top	0 – 127
ResoOfst	-12.0 – +12.0
Directn	up/down
Type	hith/mid/low/bass
OverDr	0.0dB – +40.0dB
Output	-20.0dB – +10.0dB
AtkOfst	-5 – +5

When the Value of Bottom is greater than Top, the sound will not be modulated and only the Bottom Value is available.

### [3] TouchWahDist

Sens	0 – 127
Cutoff	0 – 127
Resonance	1.0 – 12.0
L.Freq	32Hz – 2.0kHz
L.Gain	-12dB – +12dB
H.Freq	500Hz – 16.0kHz
H.Gain	-12dB – +12dB
Drive	0 – 127
DstL.Gain	-12dB – +12dB
DstM.Gain	-12dB – +12dB
LPF	1.0kHz – 20.0kHz
OutLvl	0 – 127

**Category: REV**  
(Reverb)

- [1] SPX Hall
- [2] SPX Room
- [3] SPX Stage

RevTime	0.3s – 30.0s
InitDly	0.1ms – 99.3ms
RevDly	0.1ms – 39.5ms
HPF	20Hz – 8.0kHz
LPF	1.0kHz – 20.0kHz
Diffuse	0 – 10
Density	0 – 4
ER/Rev	E63>R – E=R – E<R63
FBLevel	-63 – +63
FBHiDmp	0.1 – 1.0

[4] EarlyRef

Type	S-hall/L-hall /random/reverse/ plate/spring
RoomSize	0.1ms – 7.0ms
Diffuse	0 – 10
InitDly	0.1ms – 200.0ms
Livenss	0 – 10
Density	0 – 3
HPF	20Hz – 8.0kHz
LPF	1.0kHz – 20.0kHz
FBLevel	-63 – +63
FBHiDmp	0.1 – 1.0

[5] GateReverb

Type	S-hall/L-hall /random/reverse/ plate/spring
RoomSize	0.1ms – 7.0ms
Diffuse	0 – 10
InitDly	0.1ms – 200.0ms
Livenss	0 – 10
Density	0 – 3
HPF	20Hz – 8.0kHz
LPF	1.0kHz – 20.0kHz
FBLevel	-63 – +63
FBHiDmp	0.1 – 1.0

[6] ReverseGate

Type	S-hall/L-hall /random/reverse/ plate/spring
RoomSize	0.1ms – 7.0ms
Diffuse	0 – 10
InitDly	0.1ms – 200.0ms
Livenss	0 – 10
Density	0 – 3
HPF	20Hz – 8.0kHz
LPF	1.0kHz – 20.0kHz
FBLevel	-63 – +63
FBHiDmp	0.1 – 1.0

**Category: CHO**  
(Chorus)

G Chorus

LFOSpeed	0.000Hz – 39.70Hz
PMDepth	0 – 127
InpMode	mono/stereo
L.Freq	32Hz – 2.0kHz
L.Gain	-12dB – +12dB
H.Freq	500Hz – 16.0kHz
H.Gain	-12dB – +12dB
M.Freq	100Hz – 10.0kHz
M.Gain	-12dB – +12dB
M.Width	0.1 – 12.0
DlyOfst	0.0ms – 50.0ms
FBLevel	-63 – +63

2 Modulator

LFOSpeed	0.000Hz – 39.70Hz
AMDepth	0 – 127
PMDepth	0 – 127
InpMode	mono/stereo
L.Freq	32Hz – 2.0kHz
L.Gain	-12dB – +12dB
H.Freq	500Hz – 16.0kHz
H.Gain	-12dB – +12dB
M.Freq	100Hz – 10.0kHz
M.Gain	-12dB – +12dB
M.Width	0.1 – 12.0
DlyOfst	0.0ms – 50.0ms
FBLevel	-63 – +63

SPX Chorus

LFOSpeed	0.000Hz – 39.70Hz
LFODpth	0 – 127
InpMode	mono/stereo
L.Freq	32Hz – 2.0kHz
L.Gain	-12dB – +12dB
H.Freq	500Hz – 16.0kHz
H.Gain	-12dB – +12dB
M.Freq	100Hz – 10.0kHz
M.Gain	-12dB – +12dB
M.Width	0.1 – 12.0
DlyOfst	0.0ms – 50.0ms
FBLevel	-63 – +63

Symphonic

LFOSpeed	0.000Hz – 39.70Hz
LFODpth	0 – 127
DlyOfst	0.0ms – 50.0ms
L.Freq	32Hz – 2.0kHz
L.Gain	-12dB – +12dB
H.Freq	500Hz – 16.0kHz
H.Gain	-12dB – +12dB
M.Freq	100Hz – 10.0kHz
M.Gain	-12dB – +12dB
M.Width	0.1 – 12.0

Ensemble

Detune	-50cent – +50cent
InitDlyL	0.0ms – 50.0ms
InitDlyR	0.0ms – 50.0ms
Spread	0 – 63
L.Freq	32Hz – 2.0kHz
L.Gain	-12dB – +12dB
H.Freq	500Hz – 16.0kHz
H.Gain	-12dB – +12dB

**Category: T&R**  
(Tremolo & Rotary)

AutoPan

LFOSpeed	0.000Hz – 39.70Hz
LFOWave	0 -28
L/RDpth	0 – 127
F/RDpth	0 – 127
L.Freq	32Hz – 2.0kHz
L.Gain	-12dB – +12dB
H.Freq	500Hz – 16.0kHz
H.Gain	-12dB – +12dB
PanDirectn	L<>R, L>>R, L<<R, Lturn, Rturn, L/R
M.Freq	100Hz – 10.0kHz
M.Gain	-12dB – +12dB
M.Width	0.1 – 12.0
InpMode	mono/stereo

Tremolo

LFOSpeed	0.000Hz – 39.70Hz
AMDepth	0 – 127
PMDepth	0 – 127
LFODiff	-180deg – +180deg
L.Freq	32Hz – 2.0kHz
L.Gain	-12dB – +12dB
H.Freq	500Hz – 16.0kHz
H.Gain	-12dB – +12dB
M.Freq	100Hz – 10.0kHz
M.Gain	-12dB – +12dB
M.Width	0.1 – 12.0
InpMode	mono/stereo

RotarySp

SpeedCtrl	slow/fast
S-FTmRotor	0 – 127
S-FTmHorn	0 – 127
RotorS	0.0Hz – 2.65Hz
HornS	0.0Hz – 2.65Hz
RotorF	2.692Hz – 39.70Hz
HornF	2.692Hz – 39.70Hz
MicAngl	0deg – +180deg
DriveRotor	0 – 127
DriveHorn	0 – 127
Rotor/Horn	R63>H – R=H – R<H63
L.Freq	32Hz – 2.0kHz
L.Gain	-12dB – +12dB
H.Freq	500Hz – 16.0kHz
H.Gain	-12dB – +12dB



## Category: DLY (Delay)

### CrossDelay

DelayL>R	0.1ms – 371.5ms
DelayR>L	0.1ms – 371.5ms
InpSelect	L, R, L&R
FBLevel	-63 – +63
FBHiDmp	0.1 – 1.0
L.Freq	32Hz – 2.0kHz
L.Gain	-12dB – +12dB
H.Freq	500Hz – 16.0kHz
H.Gain	-12dB – +12dB

### TempoCrosDly

DelayL>R	32nd/3 – 4thx6
DelayR>L	32nd/3 – 4thx6
InpSelect	-63 – +63
Lag	-63ms – +63ms
FBLevel	-63 – +63
FBHiDmp	0.1 – 1.0
L.Freq	32Hz – 2.0kHz
L.Gain	-12dB – +12dB
H.Freq	500Hz – 16.0kHz
H.Gain	-12dB – +12dB

### TempoDlyMono

Delay	32nd/3 – 4thx6
Lag	-63ms – +63ms
L/RDiffuse	-63ms – +63ms
FBLevel	-63 – +63
FBHiDmp	0.1 – 1.0
L.Freq	32Hz – 2.0kHz
L.Gain	-12dB – +12dB
H.Freq	500Hz – 16.0kHz
H.Gain	-12dB – +12dB

### TempoDlySt

Delay	32nd/3 – 4thx6
Lag	-63ms – +63ms
L/RDiffuse	-63ms – +63ms
FBLevel	-63 – +63
FBHiDmp	0.1 – 1.0
L.Freq	32Hz – 2.0kHz
L.Gain	-12dB – +12dB
H.Freq	500Hz – 16.0kHz
H.Gain	-12dB – +12dB

### Delay LR

DelayL	0.1ms – 743.0ms
DelayR	0.1ms – 743.0ms
FBTime1	0.1ms – 743.0ms
FBTime2	0.1ms – 743.0ms
FBLevel	-63 – +63
FBHiDmp	0.1 – 1.0
L.Freq	32Hz – 2.0kHz
L.Gain	-12dB – +12dB
H.Freq	500Hz – 16.0kHz
H.Gain	-12dB – +12dB

### Delay LCR

DelayL	0.1ms – 743.0ms
DelayR	0.1ms – 743.0ms
DelayC	0.1ms – 743.0ms
DlyLvIC	0 – 127
FBTime	0.1ms – 743.0ms
FBLevel	-63 – +63
FBHiDmp	0.1 – 1.0
L.Freq	32Hz – 2.0kHz
L.Gain	-12dB – +12dB
H.Freq	500Hz – 16.0kHz
H.Gain	-12dB – +12dB

### Delay LR St

DelayL	0.1ms – 371.5ms
DelayR	0.1ms – 371.5ms
FBTimeL	0.1ms – 371.5ms
FBTimeR	0.1ms – 371.5ms
FBLevel	-63 – +63
FBHiDmp	0.1 – 1.0
L.Freq	32Hz – 2.0kHz
L.Gain	-12dB – +12dB
H.Freq	500Hz – 16.0kHz
H.Gain	-12dB – +12dB

## Category: MSC (Misc)

### Isolator

On/Off	off/on
LowLvl	-64 – +63
MidLvl	-64 – +63
HiLvl	-64 – +63
LowMute	off/on
MidMute	off/on
HiMute	off/on

### Telephone

InpMode	mono/stereo
L.Freq	50Hz – 2.0kHz
L.Gain	-12dB – +12dB
M.Freq	100Hz – 16.0kHz
M.Gain	-12dB – +12dB
M.Width	0.1 – 12.0
H.Freq	500Hz – 16.0kHz
H.Gain	-12dB – +12dB

### TalkingMod

Vowel	a, i, u, e, o
MoveSpeed	1 – 62
Drive	0 – 127
OutLvl	0 – 127

### PitchChange

Pitch1	-24 – +24
Fine1	-50 – +50
InitDly1	0.1ms – 198.5ms
FBLv1	-63 – +63
Pitch2	-24 – +24
Fine2	-50 – +50
InitDly2	0.1ms – 198.5ms
FBLv2	-63 – +63
Pan1	L63 – C – R63
OutLvl1	0 – 127
Pan2	L63 – C – R63
OutLvl2	0 – 127

## 1. General

### 1.1 Scope

The specifications described herein apply to transmission and reception of MIDI data by the DTX700.

### 1.2 Compliance

The specifications described herein comply with the MIDI 1.0 standard.

### 1.3 Legend

The following symbols have a special meaning herein.

- \$: Placed in front of hexadecimal numbers.
- \$nn: Indicates multiple digits.

## 2. Channel Messages

Channel messages on MIDI channel 10 are not received when the Rcv10ch parameter on the Menu area's Utility/MIDI page is set to "off".

### 2.1 Key On & Key Off

Key On and Key Off messages are transmitted and received.

Range of notes received: 0 (C-2) to 127 (G8)  
Velocity range: 1 to 127 (i.e., Note On only)

### 2.2 Control Change

The internal sequencer can record and play back all varieties of Control Change message; accordingly, the DTX700 can both transmit and receive all such messages. Details pertaining to the internal tone generator and drum trigger function are described below.

#### 2.2.1 Bank Select MSB (0), LSB (32)

Bank Select MSB and LSB messages are transmitted and received.

MSB = 0, LSB = any value: GM instrument voices  
MSB = 127, LSB = any value: GM drum voices (see Note 1)  
MSB = 125, LSB = 1: Drum voices, User kits 1 to 100 (see Note 3)

\* Note 1: General MIDI drum voices  
Only program number 1 is received, and the corresponding GM preset kit is selected

\* Note 2: Drum voices, preset kits  
The drum kit having the same number as the received program number is selected.

In all of these cases, a drum voice can be selected for MIDI channels other than channel 10; however, the drum map used is identical to that for channel 10.

#### 2.2.2 Modulation (1)

Modulation messages are received but not transmitted.

#### 2.2.3 Foot Controller (4)

Foot Controller messages are transmitted and received.

#### 2.2.4 Portamento Time (5)

Portamento Time messages are received but not transmitted.

#### 2.2.5 Data Entry (6)

Data Entry messages are received but not transmitted. These messages are used to specify RPN data.

#### 2.2.6 Main Volume (7)

Main Volume messages are transmitted and received.

#### 2.2.7 Pan (10)

Pan messages are transmitted and received. A value of 0 corresponds to the far left of the stereo image; a value of 127, to the far right.

#### 2.2.8 Expression (11)

Expression messages are received but not transmitted.

#### 2.2.9 EG Sustain Level (31)

EG Sustain Level messages are received but not transmitted.

#### 2.2.10 Hold 1 (64)

Hold 1 messages are received but not transmitted.

#### 2.2.11 Portamento Switch (65)

Portamento Switch messages are received but not transmitted.

#### 2.2.12 Sostenuto (66)

Sostenuto messages are received but not transmitted.

#### 2.2.13 Harmonic Content (71)

Harmonic Content messages are received but not transmitted.

#### 2.2.14 EG Release Time (72)

EG Release Time messages are received but not transmitted.

#### 2.2.15 EG Attack Time (73)

EG Attack Time messages are received but not transmitted.

#### 2.2.16 Brightness (74)

Brightness messages are received but not transmitted.

#### 2.2.17 EG Decay Time (75)

EG Decay Time messages are received but not transmitted.

#### 2.2.18 Effect 1 Depth (91)

Effect 1 Depth messages are transmitted and received. The message value corresponds to the Reverb Send level.

#### 2.2.19 Effect 3 Depth (93)

Effect 3 Depth messages are transmitted and received. The message value corresponds to the Chorus Send level.

#### 2.2.20 Effect 4 Depth (94)

Effect 4 Depth messages are transmitted and received. The message value corresponds to Variation Send level.

#### 2.2.21 Data Increment (96), Decrement (97)

Data Increment and Decrement messages are received but not transmitted.

#### 2.2.22 RPN

\$00/\$00 Pitch bend sensitivity: Received but not transmitted.  
\$00/\$01 Fine tuning: Received but not transmitted.  
\$00/\$02 Coarse tuning: Received but not transmitted.  
\$7f/\$7f NULL: Received but not transmitted.

#### 2.2.23 HH Controllers (1 to 95)

If, on the Menu area's Kit/Pad page, the HH Func parameter is set to "MIDI" and the HH MIDI Type parameter is set to any value between "CC01" and "CC95", a Control Change message with the corresponding control change number will be sent whenever the hi-hat controller is pressed.

#### 2.2.24 Kit Transmit MIDI (1 to 95)

If the CC No parameter from the Menu area's Kit/MIDI/Other page is set to a value between "1" and "95" for a specific kit, a Control Change message with the corresponding control change number will be sent whenever that kit is selected.

#### 2.2.25 MIDI Message Type (1 to 95)

If the MessageType parameter from the Menu area's Kit/MIDI/Assign page is set to "CC" for a specific pad, a Control Change message with the control change number specified by the CCNo parameter from the Menu area's Kit/MIDI/Other page will, upon striking of that pad, be sent via the MIDI OUT connector but not to the internal tone generator.

#### 2.2.26 Pad Function (1 to 95)

If the PadFunc parameter from the Menu area's Utility/Pad page is set to any value between "CC01" and "CC95" for a specific pad, a Control Change message with the corresponding control change number will be sent upon striking of that pad.

## 2.3 Channel Mode

All types of Channel Mode message are received, but none are transmitted.

### 2.3.1 All Sound Off (120)

Upon receipt of an All Sound Off message, the DTX700 mutes all voices currently playing on the corresponding channel.

### 2.3.2 Reset All Controllers (121)

Upon receipt of a Reset All Controllers message, the DTX700 resets the following controllers to their initial values: Pitch Bend, Modulation, Expression, Hold 1, Sostenuto, and RPN number.

### 2.3.3 All Note Off (123)

Upon receipt of an All Note Off message, the DTX700 mutes all notes currently playing on the corresponding channel. If Hold 1 or Sostenuto is turned on, however, muting will not take place until said controller is turned off.

### 2.3.4 Omni Off (124)

Upon receipt of an Omni Off message, the DTX700 acts in the same way as if an All Notes Off message had been received.

### 2.3.5 Omni On (125)

Upon receipt of an Omni On message, the DTX700 acts in the same way as if an All Notes Off message had been received.

### 2.3.6 Mono (126)

Upon receipt of a Mono message, the DTX700 acts in the same way as if an All Sound Off message had been received.

### 2.3.7 Poly (127)

Upon receipt of a Poly message, the DTX700 acts in the same way as if an All Sound Off message had been received.

## 2.4 Program Change

Program Change messages are transmitted and received.

- If the RcvPC parameter from the Menu area's Utility/MIDI page is set to "off", Program Change messages will not be received.
- If the RcvPC10ch parameter from the same page is set to "off", Program Change messages on MIDI channel 10 will not be received.
- If the PC parameter from the Menu area's Kit/MIDI/Other page is set for a specific kit, a Program Change message with the corresponding number will be sent whenever that kit is selected.
- If the MessageType parameter from the Menu area's Kit/MIDI/Assign page is set to "PC" for a specific pad, a Program Change message with the number specified by the PC parameter from the Menu area's Kit/MIDI/Other page will, upon striking of that pad, be sent via the MIDI OUT connector but not to the internal tone generator.
- If the PC parameter from the Menu area's Song/MIDI page is set for a specific song, a Program Change message with the corresponding number will be sent whenever that song is selected.

## 2.5 Pitch Bend

Pitch Bend messages are transmitted and received.

- If, on the Menu area's Kit/Pad page, the HH Func parameter is set to "MIDI" and the HH MIDI Type parameter is set to "PBup" or "PBdwn", Pitch Bend messages will be sent when the hi-hat controller is operated.

## 2.6 Channel Aftertouch

Channel Aftertouch messages are transmitted but not received.

- If, on the Menu area's Kit/Pad page, the HH Func parameter is set to "MIDI" and the HH MIDI Type parameter is set to "AT", Channel Aftertouch messages will be sent when the hi-hat controller is operated.

## 2.7 Polyphonic Aftertouch

Polyphonic Aftertouch messages are transmitted and received.

The PolyAfter parameter from the Menu area's Utility/MIDI page must be set to "on" for transmission and reception of Polyphonic Aftertouch messages. In such a case, notes assigned to a pad are sent with a polyphonic aftertouch value of 127 when the pad is held and with a polyphonic aftertouch value of 0 when it is released.

## 3. System Exclusive Messages

The DTX700 only receives system exclusive messages having an identical device number to that set by the DeviceNo. parameter from the Menu area's Utility/MIDI page.

### 3.1 Universal Non-Real Time

#### 3.1.1 General MIDI System On

\$F0 \$7E \$7F \$09 \$01 \$F7

General MIDI System On messages are transmitted and received.

#### 3.1.2 Identity Request

\$F0 \$7E \$0n \$06 \$01 \$F7

"n" represents the device number. Upon receipt of this message, the DTX700 transmits an Identity Reply message. Identity Request messages are received but not transmitted.

#### 3.1.3 Identity Reply

\$F0 \$7E \$7F \$06 \$02 \$43 \$00 \$41 \$3A \$06 \$00 \$00 \$00 \$7F \$F7

Identify Reply messages are transmitted but not received.

### 3.2 Universal Real Time

#### 3.2.1 MIDI Master Volume

\$F0 \$7F \$7F \$04 \$01 \$XX \$mm \$F7

\$XX is ignored. \$mm represents the volume data. MIDI Master Volume messages are received but not transmitted.

### 3.3 Parameter Change

#### 3.3.1 XG System On

\$F0 \$43 \$1n \$4C \$00 \$00 \$7E \$00 \$F7

"n" represents the device number. Upon receipt of an XG System On message, the DTX700 acts in the same way as if a General MIDI System On message had been received. XG System On messages are received but not transmitted.

## 4. System Common Messages

### 4.1 Song Select

\$f3 \$nn

"nn" represents the song number. Song Select messages are received but not transmitted.

## 5. System Real Time Messages

System Real Time messages are transmitted and received.

### 5.1 Timing Clock

If the MIDI Sync parameter from the Menu area's Utility/MIDI page is set to "ext" or "auto", playback will be synchronized with Timing Clock messages received from an external MIDI device.

### 5.2 Start, Continue & Stop

If the SeqCtrl parameter from the Menu area's Utility/MIDI page is set to "off", the DTX700 will neither transmit nor receive Start, Continue and Stop messages.

If the MessageType parameter from the Menu area's Kit/MIDI/Assign page is set to "strt", "cont", or "stop" for a specific pad, a Start, Continue, or Stop message will, upon striking of that pad, be sent via the MIDI OUT connector but not to the internal tone generator.

### 5.3 Active Sensing

Reception: If, following receipt of an Active Sensing message, no subsequent MIDI data is received for approximately 300 milliseconds, the DTX700 will mute all voices currently playing.

Transmission: The DTX700 regularly transmits Active Sensing messages at intervals within approximately 300 milliseconds.

Function...	Transmitted	Recognized	Remarks
Basic Channel Default Changed	1 - 16 1 - 16	1 - 16 1 - 16	Memorized
Mode Default Messages Altered	3 x *****	1 1 - 4 (m=1) *1 x	Memorized
Note Number : True voice	0 - 127 *****	0 - 127 0 - 127	Transpose
Velocity Note ON Note OFF	o 9nH,v=1-127 x 9nH,v=0	o 9nH,v=1-127 x	
After Touch Key's Ch's	o *2 o *3	o *2 x	
Pitch Bend	o *3	o	
Control Change 0,32 4,7,10 1,6,11 16,17,31 64-66 71-75 91,93,94 96,97 100,101 1-95	o o x x x x o x x o *4	o o o o o o o o o x	Bank Select  Effect Depth RPN Inc/Dec RPN LSB,MSB
Prog Change : True #	o 0 - 127 *****	o 0 - 127 0 - 127	
System Exclusive	o	o	
Common : Song Pos. : Song Sel. : Tune	x x x	x x x	
System : Clock Real Time : Commands	x o *5	o x	
Aux : All Sound Off : Reset All Cntrls : Local ON/OFF Mes- : All Notes OFF sages: Active Sense : Reset	x x x x o x	o (120,126,127) o (121) x o (123-125) o x	
Notes: *1 m is always treated as "1" regardless of its value. *2 depend on PolyAfter setting. *3 depend on HH Ctrl MIDI Type setting. *4 depend on HH Ctrl MIDI Type or MIDI Other CC or MIDI MessageType setting. *5 depend on MIDI MessageType setting.			

Mode 1 : OMNI ON , POLY                      Mode 2 : OMNI ON , MONO                      o : Yes  
 Mode 3 : OMNI OFF, POLY                      Mode 4 : OMNI OFF, MONO                      x : No

Function...	Transmitted	Recognized	Remarks
Basic Channel Default Changed	1 - 16 x	1 - 16 x	Memorized
Mode Default Messages Altered	x x *****	x x x	
Note Number : True voice	0 - 127 *****	0 - 127	
Velocity Note ON Note OFF	o 9nH,v=1-127 x 9nH,v=0	o 9nH,v=1-127 x 9nH,v=0	
After Touch Key's Ch's	o o	o o	
Pitch Bend	o	o	
Control Change 0-121	o	o	
Prog Change : True #	o 0 - 127 *****	o 0 - 127	
System Exclusive	x	x	
Common : Song Pos. : Song Sel. : Tune	x x x	x o x	
System : Clock Real Time : Commands	o *1 o *3	o *2 o *3	
Aux : All Sound Off : Reset All Cntrls : Local ON/OFF Mes- : All Notes OFF sages: Active Sense : Reset	o o o o x x	o o o o x x	
Notes: *1 if MIDI clock out is on. *2 if MIDI sync is midi. *3 if Seq Control in/out is enabled.			

Mode 1 : OMNI ON , POLY  
 Mode 3 : OMNI OFF, POLY

Mode 2 : OMNI ON ,MONO  
 Mode 4 : OMNI OFF,MONO

o : Yes  
 x : No



Yamaha Electronic Drums web site:  
<http://dtxdrums.yamaha.com>

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<http://www.yamaha.co.jp/manual/>

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