



# Instrument Parameters

Parameter	Value	Description	Remark
Main In	C0/E100 ~ C50/E50 ~ C100/E0	Main Input Balance	
MainOvt	(*1) Natural ~ Organ	Main Overtone	
MainHrmNo.	1 ~ 32	Main Harmonics Number	
MainTune	16 ~ 12544Hz / C0/-50 ~ G9/+49	Main Tuning	change the range [Hz] / [Tone No./Cent]
MainDcay	0.1 ~ 10.0sec	Main Decay Time	
Main HFD	-1.00 ~ +1.00	Main High Frequency Damping	
Main DQM	0 ~ 100	Main Dynamics Q Modulation	
Main DFM	-100 ~ +100	Main Dynamics Frequency Modulation	change the range (-value:down pitch)
Main PFM	-100 ~ +100	Main Pressure Frequency Modulation	change the range (-value:down pitch)
Main PSC	(*P) OFF, MTriad ~ Mixoly.	Main Pressure Pitch Scale Control	change the range (-value:down pitch)
MainMute	-100 ~ -1, OFF, ON(nnn), +1 ~ +100	Main Pressure Mute Switch	change the range (-value:inverse mute)
Main OD	-100 ~ +100	Main Over Drive	
Sub In	C0/E100 ~ C50/E50 ~ C100/E0	Sub Input Balance	
Sub Ovt	(*1) Natural ~ Organ	Sub Overtone	
Sub HrmNo.	1 ~ 32	Sub Harmonics Number	
Sub Tune	16 ~ 12544Hz / C0/-50 ~ G9/+49	Sub Tuning	change the range [Hz] / [Tone No./Cent]
Sub Dcay	1 ~ 3000ms	Sub Decay Time	
Sub HFD	-1.00 ~ +1.00	Sub High Frequency Damping	
Sub DQM	0 ~ 100	Sub Dynamics Q Modulation	
Sub DFM	-100 ~ +100	Sub Dynamics Frequency Modulation	change the range (-value:down pitch)
Sub PFM	-100 ~ +100	Sub Pressure Frequency Modulation	change the range (-value:down pitch)
Sub PSC	(*P) OFF, MTriad ~ Mixoly.	Sub Pressure Pitch Scale Control	change the range (-value:down pitch)
Sub Mute	-100 ~ -1, OFF, ON(nnn), +1 ~ +100	Sub Pressure Mute Switch	change the range (-value:inverse mute)
Sub OD	-100 ~ +100	Sub Over Drive	
Sub Delay	0 ~ 200ms	Sub Delay Time	
Sub D.Tap	0 ~ 8	Sub Delay Tap Number	
Xtra In	C0/E100 ~ C50/E50 ~ C100/E0	Extra Input Balance	
XtraType	(*2)WhiteNz ~ Jx S+R	Extra Type	change the range
XtraTune	16 ~ 12544Hz / C0/-50 ~ G9/+49	Extra Tuning	change the range [Hz] / [Tone No./Cent]
XtraDcay	1 ~ 3000ms	Extra Decay Time	
XtraHold	0 ~ 500ms	Extra Hold Time	
XtraFltQ	0.5 ~ 16.0	Extra Filter Q	
Xtra DQM	0 ~ 100	Extra Dynamics Q Modulation	
Xtra DFM	-100 ~ +100	Extra Dynamics Frequency Modulation	change the range (-value:down pitch)
Xtra PFM	-100 ~ +100	Extra Pressure Frequency Modulation	change the range (-value:down pitch)
XtraMute	-100 ~ -1, OFF, ON(nnn), +1 ~ +100	Extra Pressure Mute Switch	change the range (-value:inverse mute)
XtraDelay	0 ~ 200ms	Extra Delay Time	
XtraD.Tap	-3000 ~ 8	Extra Delay Tap Number	change the range
XtraD.Fluct	0 ~ 100	Extra Delay Fluctuation (Time & Level)	add the parameter (XtraD.Tap = -value only)
XtraD.Atck	0 ~ 200ms	Extra Delay Attack Time	add the parameter (XtraD.Tap = -value only)
XtraD.Dcay	0 ~ 999ms	Extra Delay Dcay Time	add the parameter (XtraD.Tap = -value only)
XtraJxF.Type	LPF,HPF,BPF	Extra JingleX Filter Type	add the parameter (XtraType = Jx **** only)



XtraJxFR	16Hz ~ 12544Hz / 0.10 ~ 10.00	Extra JingleX Filter Frequency/ Ratio	add the parameter (XtraType = Jx **** only)
XtraJxMR	1Hz ~ 12544Hz / 0.10 ~ 10.00	Extra JingleX Modulator OSC Frequency/Ratio	add the parameter (XtraType = Jx **** only)
XtraJxXFMod	-100 ~ +100	Extra JingleX X-Frequency Modulation	add the parameter (XtraType = Jx **** only)
XtraJxCarLev	0 ~ 127 (100:0dB, 127:+6dB)	Extra JingleX Carriery Output Level	add the parameter (XtraType = Jx **** only)
XtraJxModLev	0 ~ 127 (100:0dB, 127:+6dB)	Extra JingleX Modulator Output Level	add the parameter (XtraType = Jx **** only)
XtraJxRingLv	0 ~ 127 (100:0dB, 127:+6dB)	Extra JingleX Ring Modulation Output Level	add the parameter (XtraType = Jx **** only)
XtraPSC	(*P) OFF, MTriad ~ Mixoly.	Extra Pressure Pitch Scale Control	add the parameter (-value:down pitch)
DryC.EqF	20 ~ 20000Hz	Dry Center Signal EQ Frequency	
DryC.EqG	-18.0 ~ +18.0	Dry Center Signal EQ Gain	
DryC.EqQ	0.5 ~ 16.0	Dry Center Signal EQ Q	
DryE.EqF	20 ~ 10000Hz	Dry Edge Signal EQ Frequency	
DryE.EqG	-18.0 ~ +18.0	Dry Edge Signal EQ Gain	
DryE.EqQ	0.5 ~ 16.0	Dry Edge Signal EQ Q	
CentrLPF	20 ~ 20000Hz	Center Input LPF Frequency	
Edge HPF	20 ~ 20000Hz	Edge Input HPF Frequency	
Mute Sens	0 ~ 100	Pressure Mute Sens	
Mute Mask	0 ~ 500ms	Pressure Mute Mask	
Mute Dcay	0 ~ 100	Pressure Mute Dcay	
Bend Curve	A0 ~ A8	Pressure Bend Curve	
Mix Main Pan	L63 ~ C00 ~ R63	Mixer Main Pan	
Mix Sub Pan	L63 ~ C00 ~ R63	Mixer Sub Pan	
Mix Xtra Pan	L63 ~ C00 ~ R63	Mixer Extra Pan	
Mix DryC Pan	L63 ~ C00 ~ R63	Mixer Dry Center Pan	
Mix DryE Pan	L63 ~ C00 ~ R63	Mixer Dry Edge Pan	
Mix Main Lev	0 ~ 127 (100:0dB, 127:+6dB)	Mixer Main Level	
Mix Sub Lev	0 ~ 127 (100:0dB, 127:+6dB)	Mixer Sub Level	
Mix Xtra Lev	0 ~ 127 (100:0dB, 127:+6dB)	Mixer Extra Level	
Mix DryC Lev	0 ~ 127 (100:0dB, 127:+6dB)	Mixer Dry Center Level	
Mix DryE Lev	0 ~ 127 (100:0dB, 127:+6dB)	Mixer Dry Edge Level	
Mix Main Snd	0 ~ 127 (100:0dB, 127:+6dB)	Mixer Main Effect Send Level	
Mix Sub Snd	0 ~ 127 (100:0dB, 127:+6dB)	Mixer Sub Effect Send Level	
Mix Xtra Snd	0 ~ 127 (100:0dB, 127:+6dB)	Mixer Extra Effect Send Level	
Mix DryC Snd	0 ~ 127 (100:0dB, 127:+6dB)	Mixer Dry Center Effect Send Level	
Mix DryE Snd	0 ~ 127 (100:0dB, 127:+6dB)	Mixer Dry Edge Effect Send Level	
MixMasterLev	0 ~ 127 (100:0dB, 127:+6dB)	Mixer Master Level	
MixMasterBal	L63 ~ C00 ~ R63	Mixer Master Balance	



(*1)	Natural	Natural Number 1,2,3,4,5,.....
	Odd No.	Odd Number 1,3,5,7,9,.....
	PrimeNo.	Prime Number 1,3,5,7,11,13,....
	BesselM0	Bessel Function Zero MODE(0)
	BesselM1	Bessel Function Zero MODE(1)
	BesselM2	Bessel Function Zero MODE(2)
	BesselM3	Bessel Function Zero MODE(3)
	BesselM4	Bessel Function Zero MODE(4)
	BesselM5	Bessel Function Zero MODE(5)
	BesselM6	Bessel Function Zero MODE(6)
	BesselM7	Bessel Function Zero MODE(7)
	Membran	Vibrations of Membranes Basic
	MembrnH1	Vibrations of Membranes High1
	MembrnH2	Vibrations of Membranes High2
	MembrnH3	Vibrations of Membranes High3
	MembrnH4	Vibrations of Membranes High4
	Taiko	Taiko (Japanese Drum)
	KettleD	Kettle Drum
	BassDrm	Bass Drum
	Tom	Tom Tom
	T.Head	Snare Drum Top Head
	B.Head	Snare Drum Bottom Head
	T+B Head	Snare Drum Top & Bottom Head
	FryPan	Frypan
	Cymbal	Cymbal
	VibeLow	Vibraphone Low
	VibeMid	Vibraphone Mid
	VibeHigh	Vibraphone High
	Glocken	Glockenspiel
	Marimba	Marimba
	Organ	Organ

(*2)	WhiteNz	White Noise	
	LPF Nz	White Noise with LPF	
	HPF Nz	White Noise with HPF	
	BPF Nz	White Noise with BPF	
	Jingle1	Jingle1 with BPF	
	Jingle2	Jingle2 with BPF	
	Jingle3	Jingle3 with BPF	
	Click1	Click1 Single Sine Wave	
	Click2	Click2 Dual Sine Wave (1 + 1.5)	
	Click3	Click3 4th Sine Wave (Wood)	add the value
	Click4	Click3 6th Sine Wave (Metal)	add the value
	Jx TxT	JingleX Dual Triangle Wave (Carrier & Modulator)	add the value
	Jx RxR	JingleX Dual Rectangle Wave (Carrier & Modulator)	add the value
	Jx SxS	JingleX Dual Saw Tooth Wave (Carrier & Modulator)	add the value
	Jx TxR	JingleX Tri (Carrier) and Rect(Modulator)	add the value
	Jx TxS	JingleX Tri (Carrier) and Saw(Modulator)	add the value
	Jx RxT	JingleX Rect (Carrier) and Tri(Modulator)	add the value
	Jx RxS	JingleX Rect (Carrier) and Saw(Modulator)	add the value
	Jx SxT	JingleX Saw (Carrier) and Tri(Modulator)	add the value
	Jx SxR	JingleX Saw (Carrier) and Rect(Modulator)	add the value



(*P)	OFF	OFF	
	MTriad	Major Triad	
	mTriad	minor Triad	
	MPenta	Major Penatatonic	
	mPenta	minor Penatatonic	
	MScale	Major Scale	
	mScale	minor Scale	
	Sus	Suspended	
	mHarmo	Harmonic minor Scale	add the value
	mMelo	Melodic minor Scale	add the value
	mBlues	minor Blues Scale	add the value
	WholeT.	Wholetone Scale	add the value
	Altered	Altered Scale	add the value
	Lydian	Gregorian Mode Lydian	add the value
	Dorian	Gregorian Mode Dorian	add the value
	Phrygi.	Gregorian Mode Phrygian	add the value
	Mxlydi.	Gregorian Mode Mixolydian	add the value
	Arabic	Arabic Scale	add the value
	MHungar	Major Hungarian Scale	add the value
	mHungar	minor Hungarian Scale	add the value
	Hindu	Hindu Scale	add the value
	Ryukyu	Japanese Ryukyu Scale	add the value
	Minnyou	Japanese Minyou Scale	add the value
	Miyako	Japanese Miyako Scale	add the value
	Ritsu1	China Ritsu1 Scale	add the value
	Ritsu2	China Ritsu2 Scale	add the value
	Ryo	China Ryo Scale	add the value