

**Modulation Destinations****Master.Slate**

Timeline.Time  
 Midy.Gen.Coll  
 Synth.Notes.Coll  
 Rand.Gen.Coll  
 Guitar.Gen.Coll  
 Seq.Gen.Prst.Coll  
 Continuous.Coll  
 Audio.Mgr  
 Guitar.Slate  
 On.Off.Mstr.Coll  
 On.Off.Reps.Coll  
 Record.Coll  
 Time.Synch.Coll  
 Services.Coll  
 Event.Seq.Coll  
 State.Seq.1.Coll  
 Midy.Seq.Coll  
 Cont.Seq.Coll  
 Flex.Slate.Val.Coll  
 Table.Mldy.Coll  
 Rand.Gen.On.Coll  
 Rand.Reps.Coll  
 On.Stater.Rand  
 Guitar.Gen.On.Coll  
 Guitar.Reps.Coll  
 On.Stater.Guitar  
 Learn.Gen.On.Coll  
 Learn.Reps.Coll  
 On.Stater.Learn  
 Drunk.Gen.On.Coll  
 Drunk.Reps.Coll  
 On.Stater.Drunk  
 Seq.Gen.On.Coll  
 Seq.Reps.Coll  
 On.Stater.Seq  
 Tbl.Gen.On.Coll  
 Tbl.Reps.Coll  
 On.Stater.Tbl

**Mldy.Colls**

Rand.Rst.Coll  
 Gen.Min.Coll  
 Gen.Max.Coll  
 Rand.Read.Ref.Coll  
 Gen.Up/Down.Coll  
 Beat.Prob.Mult.Coll  
 Beat.Del.Mult.Coll  
 Drunk.Coll  
 Div.Coll  
 Guitar.Read.Ref.Coll  
 Guitar.Div.Coll  
 Guitar.Del.Multi.Coll  
 Guitar.Prob.Multi.Coll  
 Seq.Time.Coll  
 Seq.Time.Mod  
 Speed.Seq.Coll  
 Seq.Speed.Mod  
 Seq.Speed.Mod.On  
 Seq.Volume.Coll  
 Seq.Vol.Mod  
 Pitch.Slew.Coll  
 Del.Coll  
 Xpose.Coll  
 Mldy.Scale.Coll  
 Voice.Vol.Coll

**Mldy.Colls cont.**

Gen.On.Coll  
 Mldy.On.Poly.Coll  
 Mldy.Pgm.Coll  
 Clock.Synch  
 Clock.Synch.On  
 Clk.Synch.Matrix  
 Clock.Synch.Mod  
 Clock.Synch.Mod.On  
 Val.Clock.Synch.Coll  
 Beat.Tracker  
 Phrase.Matcher  
 Bang.Delay.Coll  
 Bang.Time.Coll  
 Bang.Prob.Coll  
 Bang.Time.Mod  
 Bang.Time.Mod.On  
 Bang.Prob.Mod  
 Bang.Prob.Mod.On  
 P2K.FX.Coll  
 Mldy.Seq.Coll  
 Table.Mldy.Coll  
 Rand.Gen.On.Coll  
 Rand.Reps.Coll  
 On.Stater.Rand  
 Guitar.Gen.On.Coll  
 Guitar.Reps.Coll  
 On.Stater.Guitar  
 Learn.Gen.On.Coll  
 Learn.Reps.Coll  
 On.Stater.Learn  
 Drunk.Gen.On.Coll  
 Drunk.Reps.Coll  
 On.Stater.Drunk  
 Seq.Gen.On.Coll  
 Seq.Reps.Coll  
 On.Stater.Seq  
 Tbl.Gen.On.Coll  
 Tbl.Reps.Coll  
 On.Stater.Tbl

**Mldy.Colls.Val**

Rand.Reps.Val  
 Guitar.Reps.Val  
 Learn.Reps.Val  
 Drunk.Reps.Val  
 Seq.Reps.Val  
 Tbl.Reps.Val  
 Gen.Min.Val  
 Gen.Max.Val  
 Rand.Reset.Val  
 Rand.Read.Ref.Val  
 Gen.Up/Down.Val  
 Beat.Prob.Val  
 Beat.Del.Val  
 Rand.Gen.On.Val  
 Rand.Loader.On.Val  
 Drunk.Unit.On.Val  
 Learn.Unit.On.Val  
 Rand.Rst.Val  
 Rand.Loader.Clear.Val  
 Learn.Unit.Enable.Val  
 Learn.Unit.Clear.Coll  
 Guitar.Read.Ref.Val  
 Guitar.Div.Val  
 Guitar.Mult.Val

**Mldy.Colls.Val cont.**

Guitar.Prob.Val  
 Guitar.Loop.Num.Val  
 Bang.Time.Val  
 Bang.Prob.Val  
 Pitch.Slew.Time  
 Pitch.Slew.Grain  
 Del.Val  
 Del.B.Val  
 Xpose.Post.Val  
 Xpose.B.Val  
 Xpose.Pre.Val  
 Mldy.Scale.Val  
 Voice.Vol.Val  
 Gen.On.Val  
 On.A.Val  
 On.B.Val  
 Poly.Val  
 P2K.FX.A.Val  
 P2K.FXA.1  
 P2K.FXA.2  
 P2K.FXA.3  
 P2K.FXA.4  
 P2K.FX.B.Val  
 P2K.FXB.1  
 P2K.FXB.2  
 P2K.FXB.3  
 P2K.FXB.4

**Cont.Cntrls**

Filter.Dyn.Coll  
 Filt.Cutoff.Coll  
 Filt.Cutoff.Val  
 Filt.Cutoff.A  
 Filt.Cutoff.B  
 Filt.Cutoff.Both  
 Presence.Coll  
 Presence.Val  
 Presence.A  
 Presence.B  
 Presence.Both  
 Amp.Attack.Coll  
 Amp.Attack.Val  
 Amp.Attack.A  
 Amp.Attack.B  
 Amp.Attack.Both  
 Amp.Decay.Coll  
 Amp.Decay.Val  
 Amp.Decay.A  
 Amp.Decay.B  
 Amp.Decay.Both  
 Pan.Image.Coll  
 Pan.Coll  
 Pan.Val  
 Pan.A  
 Pan.B  
 Pan.Both  
 Movement.Coll  
 Movement.Val  
 Movement.A  
 Movement.B  
 Movement.Both  
 Move.Rate.Coll  
 Move.Rate.Val  
 Move.Rate.A  
 Move.Rate.B

**MACIAS Modulator List****Cont.Cntrls cont.**

Move.Rate.Both  
 Bend.Port.Coll  
 Pitch.Bend.Coll  
 Pitch.Bend.Val  
 Pitch.Bend.A  
 Pitch.Bend.B  
 Pitch.Bend.Both  
 Mod.Wheel.Coll  
 Mod.Wheel.Val  
 Mod.Wheel.A  
 Mod.Wheel.B  
 Mod.Wheel.Both  
 Sustainer.Coll  
 Sustain.Coll  
 Sustain.Val  
 Sustain.A  
 Sustain.B  
 Sustain.Both  
 Voice.Vol.Coll  
 Voice.Vol.Val  
 Voice.Vol.A  
 Voice.Vol.B  
 Voice.Vol.Both  
  
**Trig.Maps**  
 Trig.Map.Slate  
 Rand.Trig.Map  
 Chord.Trig.Map  
 Rand.Load.Trig.Map  
 Gtr.Trig.Map  
 Seq.Trig.Map  
 Drunk.Trig.Map  
 Learn.Trig.Map  
 Xpose.Gtr.Trig.Map  
 Xpose.Trig.Map  
 On/Off.Trig.Map  
 On.Stater.Rand  
 On.Stater.Guitar  
 On.Stater.Seq  
 On.Stater.Drunk  
 On.Stater.Learn  
 On.Stater.Loop

**Audio.FX**

MSP.IO.Router  
 Delay.Control.Coll  
 Delay.Time.Coll  
 Delay.Time.Mod  
 Delay.Volume.Coll  
 Delay.Vol.Mod  
 Delay.Feedback.Coll  
 Delay.Feedback.Mod  
 Freq.Shift.Control.Coll  
 Freq.Shift.Pitch.Coll  
 Freq.Shift.Mod  
 Freq.Shift.Mod.On  
 Freq.Shift.Volume.Coll  
 Freq.Shift.Vol.Mod  
 Ring.Mod.Control.Coll  
 Ring.Pitch.Coll  
 Ring.Pitch.Mod.On  
 Ring.Volume.Coll  
 Ring.Vol.Mod  
 Filter.Control.Coll

**Audio.FX cont.**

Filter.Pitch.Coll  
 Filter.Pitch.Mod  
 Filter.Volume.Coll  
 Filter.Vol.Mod  
 Filter.Mode.Coll  
 Loop.Control.Coll  
 Loop.Time.Coll  
 Loop.Time.Mod  
 Speed.Loop.Coll  
 Loop.Speed.Mod  
 Loop.Speed.Mod.On  
 Loop.Volume.Coll  
 Loop.Vol.Mod  
 Loop.Transport.1  
 Gtr.Mstr.Vol.Pot  
 Synth.Vol.Pot  
 MSP.FX.Vol.Pot  
 MSP.FX.A.Vol.Val  
 MSP.FX.B.Vol.Val  
 Mstr.Vol.Pot  
 Delay.Volume  
 XFreq.Shift.Volume  
 XRing.Mod.Volume  
 Filter.Volume  
 Loop.Volume  
 1.FX.Router.Vol  
 2.FX.Router.Vol  
 3.FX.Router.Vol  
 4.FX.Router.Vol  
  
**Audio.Mix**  
 Audio.Mix.Coll  
 Vio.Aud.Mix.Coll  
 Gtr.Aud.Mix.Coll  
 Bass.Aud.Mix.Coll  
 P2K.Aud.Mix.Coll  
 FX.AB.Aud.Mix.Coll  
 Gst.Aud.Mix.Coll  
 Gtr.P2K.Prst  
 Trio.Seq  
 Mstr.Aud.Mix  
 Vio.FX.CC.JS  
 Vio.FX.CC.Lex  
 Vio.FX.CC.VG  
 Vio.Ramper  
 Vio.CC.Seq  
 Vio.Tap.Tempo  
 Gtr.FX.CC.JS  
 Gtr.FX.CC.Lex  
 Gtr.FX.CC.VG  
 Gtr.Ramper  
 Gtr.CC.Seq  
 Gtr.Tap.Tempo  
 Bass.FX.CC.JS  
 Bass.FX.CC.Lex  
 Bass.FX.CC.VG  
 Bass.Ramper  
 Bass.CC.Seq  
 Bass.Tap.Tempo  
 Mstr.Vol.Targ  
 P2K.PA.Targ  
 P2K.FX1.Targ  
 P2K.FX2.Targ  
 FXA.Vol.Targ  
 FXB.Vol.Targ

**Audio.Mix cont.**

Gst.PA.Targ  
 Gst.FX1.Targ  
 Gst.FX2.Targ  
 Vio.PA.Targ  
 Vio.PA.Pan  
 Vio.AMP.Targ  
 Vio.AMP.Pan  
 Vio.FX1.Targ  
 Vio.FX1.Pan  
 Vio.FX2.Targ  
 Vio.FX2.Pan  
 Gtr.PA.Targ  
 Gtr.PA.Pan  
 Gtr.AMP.Targ  
 Gtr.AMP.Pan  
 Gtr.FX1.Targ  
 Gtr.FX1.Pan  
 Gtr.FX2.Targ  
 Gtr.FX2.Pan  
 Bass.PA.Targ  
 Bass.PA.Pan  
 Bass.AMP.Targ  
 Bass.AMP.Pan  
 Bass.FX1.Targ  
 Bass.FX1.Pan  
 Bass.FX2.Targ  
 Bass.FX2.Pan

**Inst.FX**

Vio.J.Head.Sel  
 Vio.J.Head.Gain  
 Vio.J.Head.Treb  
 Vio.J.Head.Mid  
 Vio.J.Head.Bass  
 Vio.J.Head.Level  
 Vio.J.Cabinet  
 Vio.J.Dig.Gain  
 Vio.J.FX.Type  
 Vio.J.FX.On  
 Vio.J.FX.Mix  
 Vio.J.Pitch  
 Vio.J.FX.Time  
 Vio.J.FX.Detune  
 Vio.J.Wah.On  
 Vio.J.Wah.Pedal  
 Vio.J.Delay.Type  
 Vio.J.Del.On  
 Vio.J.Del.Mix  
 Vio.J.Del.Time  
 Vio.J.Cabinet  
 Vio.J.Dig.Gain  
 Vio.J.FX.Type  
 Vio.J.FX.On  
 Vio.J.FX.Mix  
 Vio.J.Pitch  
 Vio.J.FX.Time  
 Vio.J.FX.Detune  
 Vio.J.Wah.On  
 Vio.J.Wah.Pedal  
 Vio.J.Delay.Type  
 Vio.J.Del.On  
 Vio.J.Del.Mix  
 Vio.J.Del.Time  
 Vio.J.Cabinet  
 Vio.J.Dig.Gain  
 Vio.J.FX.Type  
 Vio.J.FX.On  
 Vio.J.FX.Mix  
 Vio.J.Pitch  
 Vio.J.FX.Time  
 Vio.J.FX.Detune  
 Vio.J.Wah.On  
 Vio.J.Wah.Pedal  
 Vio.J.Delay.Type  
 Vio.J.Del.On  
 Vio.J.Del.Mix  
 Vio.J.Del.Time  
 Vio.J.Cabinet  
 Vio.J.Dig.Gain  
 Vio.J.FX.Type  
 Vio.J.FX.On  
 Vio.J.FX.Mix

**Inst.FX cont.**

Gtr.J.Pitch  
 Gtr.J.FX.Time  
 Gtr.J.FX.Detune  
 Gtr.J.FX.Regen  
 Gtr.J.Wah.On  
 Gtr.J.Wah.Pedal  
 Gtr.J.Delay.Type  
 Gtr.J.Del.On  
 Gtr.J.Del.Mix  
 Gtr.J.Del.Time  
 Gtr.J.Del.Regen  
 Gtr.J.Reverb.Type  
 Gtr.J.Reverb.On  
 Gtr.J.Reverb.Mix  
 Bass.J.Head.Sel  
 Bass.J.Head.Gain  
 Bass.J.Head.Treb  
 Bass.J.Head.Mid  
 Bass.J.Head.Bass  
 Bass.J.Head.Level  
 Bass.J.Cabinet  
 Bass.J.Dig.Gain  
 Bass.J.FX.Type  
 Bass.J.FX.On  
 Bass.J.FX.Mix  
 Bass.J.Pitch  
 Bass.J.FX.Time  
 Bass.J.FX.Detune  
 Bass.J.FX.Regen  
 Bass.J.Wah.On  
 Bass.J.Wah.Pedal  
 Bass.J.Delay.Type  
 Bass.J.Del.On  
 Bass.J.Del.Mix  
 Bass.J.Del.Time  
 Bass.J.Del.Regen  
 Bass.J.Reverb.Type  
 Bass.J.Reverb.On  
 Bass.J.Reverb.Mix  
 Vio.Lex.Route  
 Vio.Lex.Type.1  
 Vio.Lex.On.1  
 Vio.Lex.Mix.1  
 Vio.Lex.Knob1.1  
 Vio.Lex.Knob2.1  
 Vio.Lex.Knob3.1  
 Vio.Lex.Pitch.1  
 Vio.Lex.Type.2  
 Vio.Lex.On.2  
 Vio.Lex.Mix.2  
 Vio.Lex.Knob1.2  
 Vio.Lex.Knob2.2  
 Vio.Lex.Knob3.2  
 Vio.Lex.Pitch.2  
 Gtr.Lex.Route  
 Gtr.Lex.Type.1  
 Gtr.Lex.On.1  
 Gtr.Lex.Mix.1  
 Gtr.Lex.Knob1.1  
 Gtr.Lex.Knob2.1  
 Gtr.Lex.Knob3.1  
 Gtr.Lex.Pitch.1  
 Gtr.Lex.Type.2  
 Gtr.Lex.On.2  
 Gtr.Lex.Mix.2

**Inst.FX cont.**

Gtr.Lex.Knob1.2  
 Gtr.Lex.Knob2.2  
 Gtr.Lex.Knob3.2  
 Gtr.Lex.Pitch.2  
 Bass.Lex.Route  
 Bass.Lex.Type.1  
 Bass.Lex.On.1  
 Bass.Lex.Mix.1  
 Bass.Lex.Knob1.1  
 Bass.Lex.Knob2.1  
 Bass.Lex.Knob3.1  
 Bass.Lex.Pitch.1  
 Bass.Lex.Type.2  
 Bass.Lex.On.2  
 Bass.Lex.Mix.2  
 Bass.Lex.Knob1.2  
 Bass.Lex.Knob2.2  
 Bass.Lex.Knob3.2  
 Bass.Lex.Pitch.2

**Control.Services**

Gtr.Cntrl.Mapper.Coll  
 Footswitch.Seq.Coll  
 Tab.Staff  
 Mldy.Seq.Coll  
 Cont.Seq.Coll

**Rand.Gen.#1**

Trig.Gen.In  
 Pitch.Gen.In  
 Beat.Prob.Mult  
 Beat.Del.Mult  
 Pitch.Gen.In  
 Gen.Min  
 Gen.Max  
 Gen.In  
 Rand.Rst  
 Rand.Div  
 Rand.Gen.On  
 Rand.Read.Ref  
 Rand.Unit.View  
 Rand.Loader.On  
 Rand.Loader.Clear  
 Load.Pitch.In  
 Load.Counter.Max.Va  
 Beat.Source.Type  
 Beat.Source.Value  
 Beat.Source.Select  
 Rand.Read.Ref  
 Clock.On

**Drunk.Learn.#1**

Drunk.Unit.On  
 Drunk.Unit.Clear  
 Drunk.Bang  
 Drunk.Div  
 Drunk.Set  
 Drunk.Seed  
 Drunk.Max  
 Drunk.Min  
 Drunk.Step  
 Learn.Unit.Enable  
 Learn.Unit.On  
 Learn.Unit.Clear  
 Learn.Source

**Drunk.Learn.#1 cont.**

Learn.Bang  
 Learn.Div  
**Gtr.Gen.#1**  
 Guitar.Gen.On  
 Guitar.Read.Ref  
 Guitar.Del.Multi  
 Guitar.Div  
 Guitar.Gen.Ref  
 Guitar.Prob.Multi  
 Guitar.Loop.Repeat  
 Guitar.Xpose  
 TSR.Vio.Harm.Val

**Seq.Gen.#1**

Seq.Next.Start  
 Seq.Reset  
 XSeq.Time  
 XSeq.Speed  
 XSeq.Volume  
 XSeq.Record  
 XSeq.Replace  
 XSeq.Loop  
 XSeq.Start  
 XSeq.Clear  
 XSeq.On/Off

**Xpose.#1**

Pre.Xpose  
 Trig.Fire  
 Pitch.Set  
 Pitch.Fire  
 Pre  
 Post  
 Scale.Tbl.Ref  
 Vel  
 Stop  
 Vel.Mult  
 Dur  
 Dur.Mult  
 Sus

**Note.Sender.#1**

Pitch.Slew.Time  
 Pitch.Slew.Grain  
 Del  
 Del.B  
 Xpose.Post  
 Xpose.B  
 Xpose.Pre  
 Mldy.Scale  
 Voice.Vol  
 Gen.On  
 Voice.Dec  
 On.A  
 On.B  
 Poly  
 Pgm.A  
 Pgm.B  
 Pitch.Midi  
 Filt.Cut.CC

**Audio.Mngr.#1**

Delay.Record  
 Delay.Replace

**Audio.Mngr.#1 cont.**

Delay.Loop  
 Delay.Clear  
 Delay.Feedback  
 X.Delay.Record  
 X.Delay.Replace  
 X.Delay.Loop  
 X.Delay.Clear  
 XDelay.Time.L  
 XDelay.Time.R  
 XDelay.Volume  
 XDelay.Feedback  
 XFreq.Shift.Volume  
 XFreq.Shift.Volume  
 Freq.Shift.Drive  
 XRing.Mod.Volume  
 XRing.Mod.Pitch  
 Ring.Mod.Drive  
 LoPass.Pitch  
 HiPass.Pitch  
 Filter.Volume  
 HiPass.Damp  
 LoPass.Damp  
 XLoop.Time  
 XLoop.Speed  
 XLoop.Volume  
 XLoop.Record  
 XLoop.Replace  
 XLoop.Loop  
 XLoop.Start  
 XLoop.Clear  
 Loop.On.Del  
 Loop.On.Div

**On.Off.Repeat.#1**

Rand.Gen.On  
 Rand.Reps  
 Rand.Loader.On  
 Rand.Loader.Clear  
 Drunk.Unit.On  
 Drunk.Reps  
 Learn.On  
 Learn.Reps  
 Learn.Clear  
 Guitar.Gen.On  
 Guitar.Reps  
 XSeq.Loop  
 Seq.Reps  
 XSeq.Replace  
 XSeq.Clear  
 XLoop.Loop  
 Loop.Reps  
 XLoop.Replace  
 XLoop.Clear

**Tbl.Mldy.#1**

Tbl.Mldy.Coll  
 Tbl.Gen.On  
 Tbl.Div  
 Tbl.Gen.Max  
 Tbl.Leap  
 Tbl.Reset  
 Rhythm.Tbl.Ref  
 Vel.Tbl.Ref  
 Dur.Tbl.Ref

**On.Off.Repeat.#1 cont.**

Del.Tbl.Ref  
 Vel.Tbl.Mult  
 Dur.Tbl.Mult  
 Del.Tbl.Mult

**Modulation Sources**

<u>sources values</u>	<u>source triggers</u>
Str.Ptch	Str.On
Str.Vel	Str.Off
Str.Frt	Clock
Str.Tgl	Bang.DI
Str.Bnd	Mld.Tbl
Pick.Pos	
	Chrd.Gn
ePad	Rand.Gn
Vol.Knob	Drnk.Gn
Joy/Wig	Lrn.Gn
Gtr.Sw	Gtr.Gn
Mldy.Tbl	Seq.On
Env.Foll	Seq.Off
Ctinuous	Chrd.Pls
Env.Gen	Rand.Pls
Gt.Gn.VI	Gtr.Pls
Stat.Seq	Seq.Pls
Flock	Loop.Pls
	Del.Pls
Chrd.Gen	ePads
Rand.Gen	Joy/Wg
Drnk.Gen	
Lrn.Gen	RT.SI
Gtr.Gen	Prob
Seq.Gen	Vio.Tk
Midi.Out	Gtr.Tk
	Bass.Tk
Chrd.Cnt	Vio.Ft
Rand.Cnt	Gtr.Ft
Drnk.Cnt	Bass.Ft
Lrn.Cnt	
Gtr.Cnt	
Seq.Cnt	
Loop.Cnt	
Del.Cnt	
Condtnl	
RT.Sel	
Knowt	
On/Off	
Events	
Clk.Tim	
Loop.Tim	
Del.Tim	
Bng.Tim	
Rand.Tm	
Gtr.Tim	
Seq.Tim	
Clocks	
Bang.Del	
Vio.Trk	
Gtr.Trk	
Bass.Trk	
Vio.Foot	
Gtr.Foot	
Bass.Foot	
Ext.Val	