FADER SIGNAL FLOWCHART

FADER POS

LIN RMS

PAN/FADE CV

FADER CV

LIN/RMS PROCESSOR

IN LEFT/PAN

VCA

OUT LEFT/XFADE

+

RING MOD

IN RIGHT

VCA

OUT RIGHT

ENVELOPE FOLLOWER/
TRIGGER EXTRACTOR
SIGNAL FLOWCHART

TRIGGER SENSITIVITY

EXTERNAL SIGNAL IN

PRE AMP

PREAMP GAIN

ENVELOPE FOLLOWER

SLOPE DETECTOR

ENVF TRIG

ENVF CV OUT

NORMALISATION PATH TO SHAPER, PHASER AND FRQ SHIFTER
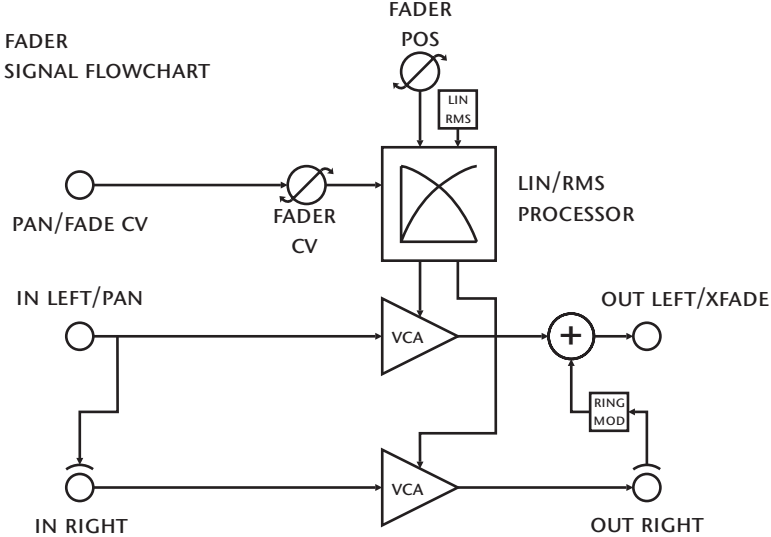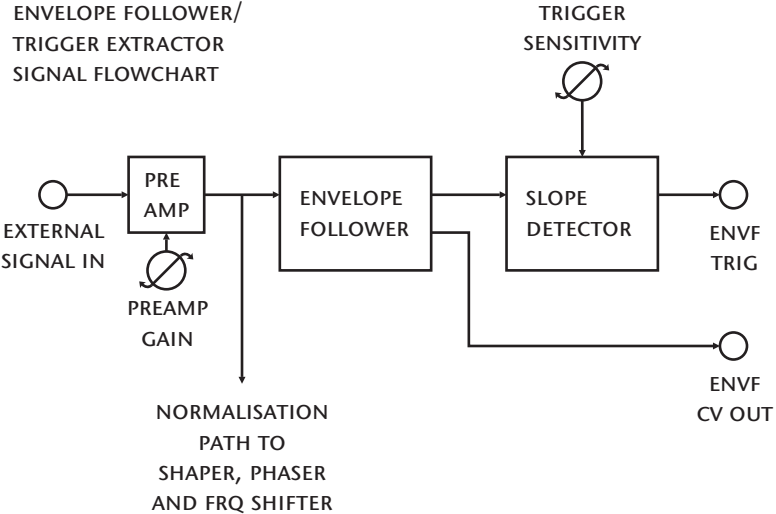
CROSSFADING:
CONNECT ONE SIGNAL TO IN LEFT/P
CONNECT OTHER SIGNAL TO IN RIGHT
TAKE OUTPUT FROM OUT LEFT/X

PANNING:
CONNECT ONE SIGNAL TO IN LEFT/P
AND LEAVE IN RIGHT UNCONNECTED
TAKE LEFT OUTPUT FROM OUT LEFT/X AND
RIGHT SIGNAL FROM OUT RIGHT

RINGMODULATION:
CONNECT ONE SIGNAL TO IN LEFT/P
CONNECT ANOTHER SIGNAL TO PAN/FADE CV
TAKE OUTPUT FROM OUT LEFT/X
SET SWITCH TO RINGMOD POSITION
SET FADER POS KNOB TO MIDDLE POSITION
AND TUNE TO SILENCE
OPEN FADER CV KNOB

SIGNAL INVERSION:
LIKE RINGMODULATION BUT
TURN FADER POS KNOB FULLY RIGHT WITHOUT
MODULATION FOR SIGNAL INVERSION

DUCKING:
CONNECT SIGNAL ONE TO IN LEFT/P
AND SIGNAL TWO TO IN RIGHT   GAIN
CONNECT OUT LEFT/X TO E.G. TWINPEAK IN A
CONNECT OUT RIGHT TO E.G. TWINPEAK IN B
MIX WITH FADER POS KNOB

VCA:
CONNECT SIGNAL TO IN RIGHT
CONNECT E.G. ENV CV OUT TO
TAKE OUTPUT FROM OUT RIGHT

LINEAR/RMS FADER CURVE:
USE THE LINEAR/RMS SWITCH
TO SET THE PROPER CURVE
RMS IS FOR MIXING AUDIO SIGNALS
(IN RMS MODE THE AUDIO MIX HAS
AN 'EQUAL LOUDNESS' CURVE)
LINEAR IS GOOD FOR CV SIGNALS