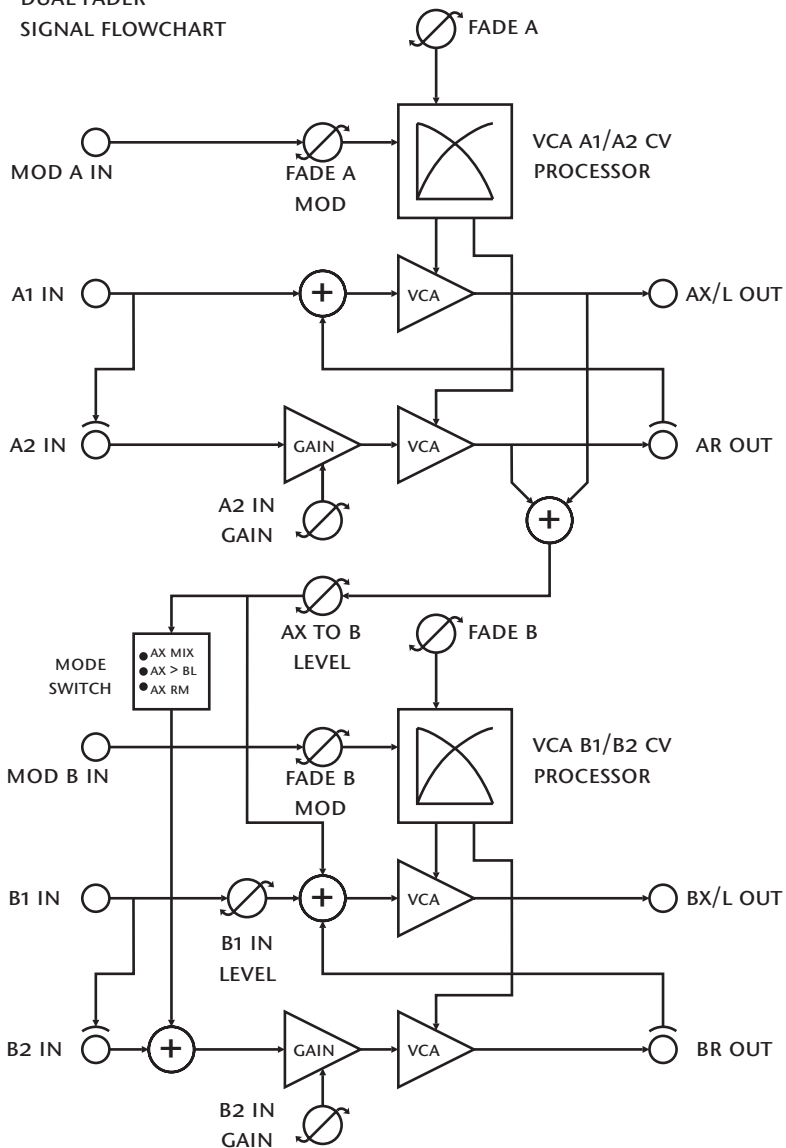**DUAL FADER SIGNAL FLOWCHART**

TO MIX THREE INPUT SIGNALS TOGETHER:
CONNECT SIGNALS TO IN A1, IN A2 AND IN B2
TAKE OUTPUT FROM BX/BL OUT
SET SWITCH TO AX>B MIDDLE POSITION
OPEN AX>B LEVEL KNOB AND CLOSE
B1 IN LEVEL KNOB.
FADER A MIXES BETWEEN SIGNALS A1 AND A2
AND FADER B BETWEEN A1/A2 AND B2

CROSSFADING:
CONNECT ONE SIGNAL TO A1 IN (OR B1 IN)
CONNECT OTHER SIGNAL TO A2 IN (OR B2 IN)
WHEN USING FADER B CLOSE AX>B KNOB AND
OPEN B1 IN LEVEL KNOB
TAKE OUTPUT FROM AX/L OUT (OR BX/L OUT)

PANNING:
CONNECT ONE SIGNAL TO A1 IN (OR B1 IN)
AND LEAVE A2 IN (OR B2 IN) UNCONNECTED
TAKE LEFT OUTPUT FROM AX/L OUT AND
RIGHT SIGNAL FROM AR OUT (OR BX/L AND BR)
WHEN USING FADER B CLOSE AX>B KNOB AND
OPEN B1 IN LEVEL KNOB

RINGMODULATION:
CONNECT ONE SIGNAL TO A1 AND SET
FADER A TO THE LEFT
CONNECT ANOTHER SIGNAL TO MOD B CV
TAKE OUTPUT FROM BX/BL OUT
SET SWITCH TO AX RM POSITION
CLOSE FADER B MOD KNOB
OPEN AX>B LEVEL KNOB
SET FADER B KNOB TO MIDDLE POSITION
AND TUNE TO SILENCE
OPEN FADER B MOD KNOB TO TWO O'CLOCK
OPTIONALLY USE THRID SIGNAL ON A2 IN AND
FADER A KNOB FOR MORE COMPLEX MIX

'DUCKING' TWINPEAK FILTER IN A AND IN B:
CONNECT SIGNAL ONE TO A1 IN AND SIGNAL TWO
TO B1 IN ON DUAL FADER MODULE
CONNECT AX/L OUT TO TWINPEAK IN A
CONNECT AR OUT TO TWINPEAK IN B
MIX WITH FADER A KNOB

GAIN KNOBS ARE NORMALLY CLOSED BUT WHEN
USING AN EXTERNAL 'LINE LEVEL' SIGNAL ON A
FADER SECONDARY INPUT THE GAIN FOR THAT
INPUT CAN BE INCREASED UP TO +20 dB