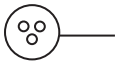
BLOCK DIAGRAMMING

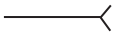
INPUT AND OUTPUT CONNECTIONS

GENERIC INPUT

XLR INPUT



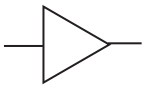
GENERIC OUTPUT

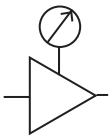


NORMALLED INPUT
(INPUT BREAKS THE NORMAL)

LEVELING

AMPLIFIER
(LEVEL INCREASE)

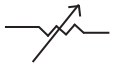


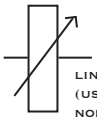


VARIABLE AMPLIFIER
(ADJUSTABLE LEVEL
INCREASE/DECREASE)

RESISTOR
(LEVEL DECREASE)

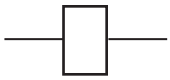
VARIABLE RESISTOR
(ADJUSTABLE LEVEL DECREASE)



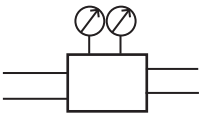


LINEAR POTENTIOMETER
(USUALLY LEVEL ORIENTED
NON SPECIFIC IF LEVEL INCREASE)

ROTARY POTENTIOMETER
(COULD BE LEVEL ORIENTED
NON SPECIFIC IF LEVEL INCREASE)



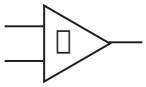
BLACK BOX (DEVICE)



BLACK BOX
WITH 2 UNDEFINED ROTARY CONTROLS
STEREO INPUT / OUTPUT

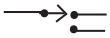
BUS -WHERE COMBINING TAKES PLACE

(ALSO KNOWN AS:
SUMMING AMPLIFIER,
ACTIVE COMBINING AMP)



2 TO 1 BUS

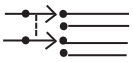
SWITCHES



1 SOURCE TO 2 DESTINATIONS

MUTE SWITCH

2 SOURCES TO 1 DESTINATION



GANGED SWITCH - ONE SWITCH
(USUALLY FOR STEREO
1 SOURCE TO 2 DESITNATIONS)

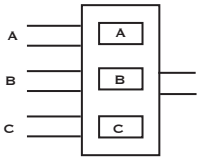
ASSIGNMENT SWITCH
(ENABLES PASSAGE)

ASSIGNMENTS:

PAN POT
(ODD/EVEN ADJUST)

BALANCE
(L - R LEVEL ADJUST)

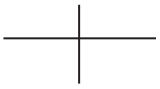
ASSIGNMENT MATRIX



SELECTED
OUTPUT

OTHER

CONNECTION



NO CONNECTION

CHANGE OF DIRECTION IN SIGNAL FLOW

SIGNAL FLOW GENERAL GUIDELINES:

1. INPUTS ON THE LEFT
2. OUTPUTS ON THE RIGHT
3. SIGNAL FLOWS FROM LEFT TO RIGHT
4. ANY CHANGES TO RULES MUST BE EXPLAINED IN THE BLOCK DIAGRAM