



- 4:1
- 2:1
- 10:1

Compressor setup procedure

1. Set MAC to Gain reduction pot fully CCW, Makeup pot to fully CCW. Ratio Sw to 4:1, Meter Sw to VU, HPF sw to FLAT.
2. Apply 1kHz tone to dingo input at the reference level you are going use for 0VU. Note 1
3. Adjust Meter 0VU trim pot for desired level for 0VU on meter.
4. Switch Meter Sw to GR and adjust Zero GR trim pot for 0VU on meter.
5. Turn up Gain Reducation pot until you have 5dB of compression on meter.
6. Switch Meter Sw between GR and VU and adjust Balance trim pot until the same reading is seen in both GR and VU.
7. Your ready to rock.

If using a VU meter which has internal rectification Do Not fit D6 to D8 instead put a wire link for D5 & D8

Note 1. Reference level for old analog setup was +4dBm
 But with new digital D/A and A/D running +18dBm to +22dBm
 This reference level could be as high as +10dBm to +16dBm but R11 on MAC may need to be made a smaller value to be able to set zero GR
 So there is no right or wrong reference level. Just the one that works for you.

Note 2. On Dingo PCB
 Change R25 from 20k to 100k
 Change R13 from 51R to 1k
 Change R4 & R6 from 20k to 10k if using OPA2604 for IC2 or JLM99v + 1:2 transformer for output.
 Change R15 from a 51R resistor to a 470nF cap when using a 99v as the output amp to remove the DC offset going to the VU meter

Do NOT fit below parts on dingo PCB

- RV1
- RV2
- R10
- R11
- R12
- R14
- C6
- C9
- ZD1
- 2181 VCA IC



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Title		
MAC.PCB		
Size	Number	Revision
A4		
Date:	3/04/2010	Sheet of
		Drawn By: