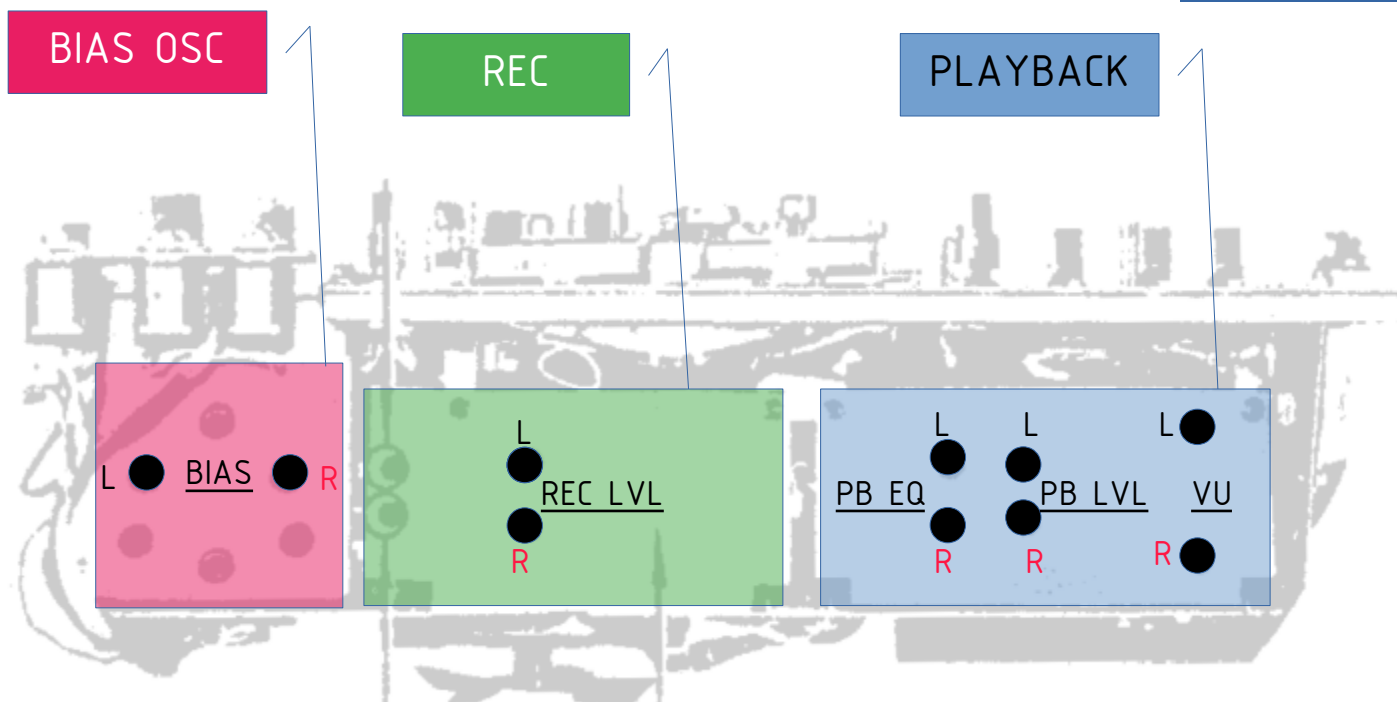


Quick Reference Guide to Sony TC-377:

Page:

2 Quick calibration





Number in brackets refer to original Service Manual

- 1) playback head azimuth adjustment (4), see fig. below
- 2) playback level & meter level (6)
 - a) tape select normal, 19 cm/s, monitor tape
 - b) play reference level tone: adjust PB LVL for 0,78 V on output
 - c) adjust PB VU for 0 dB on meters
- 3) playback equalizer (7)
 - a) play 400 Hz tone. Play 10 kHz tone: adjust PB EQ for same reading as 400 Hz
- 4) record head azimuth adjustment (9 & 10), see fig. below
- 5) record bias adjustment (12)
 - a) tape select normal, 19 cm/s, monitor tape
 - b) set line record volume** to obtain 0,78 V on output for 1 kHz@0,25 V input (mic@0)
 - c) turn bias trimmers ccw for max reading, then cw so that measurement drops 0,5 dB
This is wrong in SM
 - d) check voltage across record head is 14 V and decreases when tape speed decreases
- 6) record level adjustment (13)
 - a) set line record volume to obtain 0,78 V on output for 1 kHz@0,25 V input (mic@0)
 - b) record this to blank tape
 - c) adjust REC LVL for 0 dB 0,78 V
 - d) check source and tape level
- 7) frequency response measurement (16)
 - a) record 50, 100, 5k, 7k, 12.5k, 20k @ 19, 9.5, 4.8 cm/s @ -30 dB 25 mV and check pb

