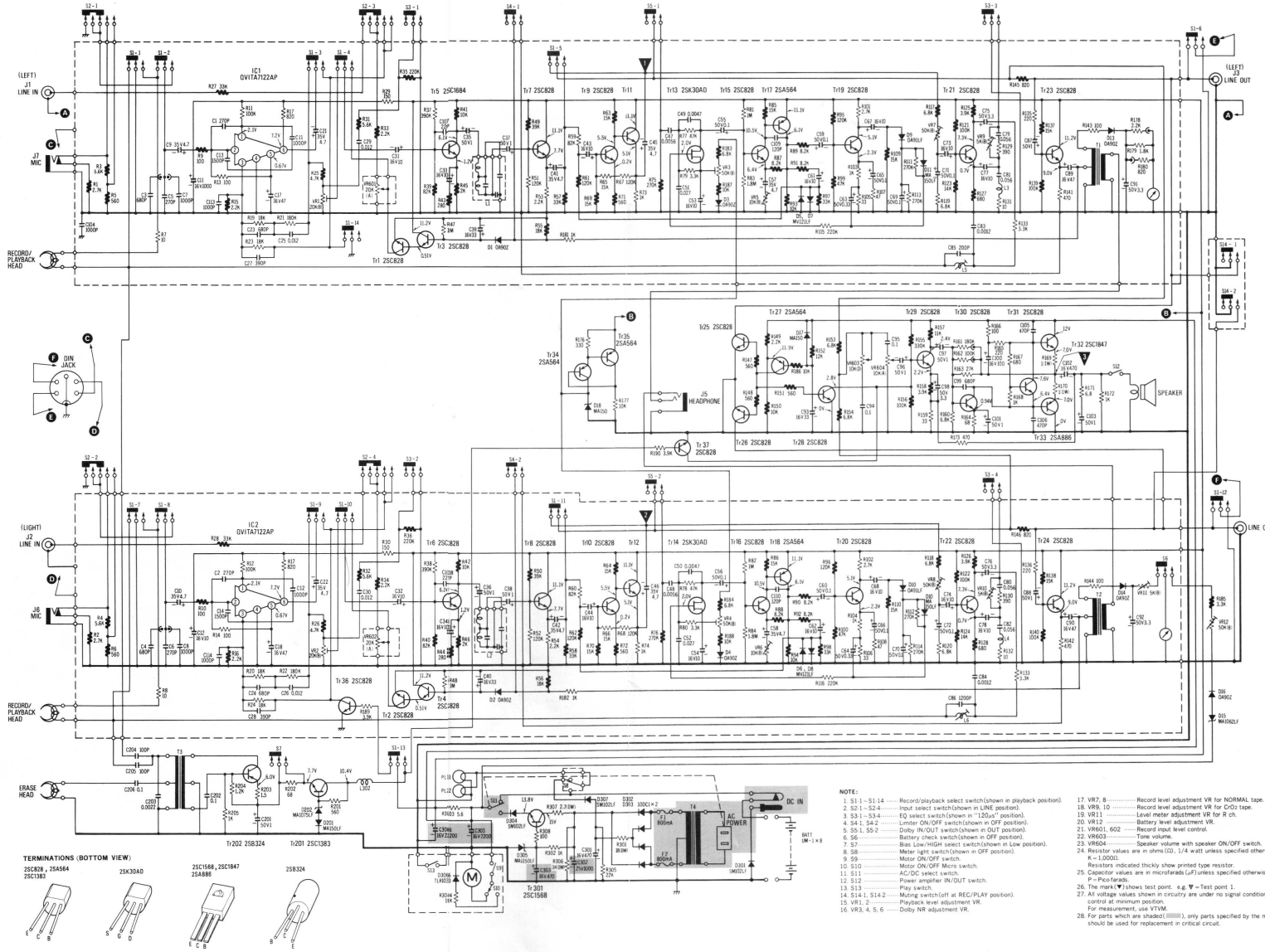
SCHEMATIC DIAGRAM MODEL RS-646DS for United Kingdom



NOTE:

1. S1-1 ~ S1-14 ..... Record/playback select switch(shown in playback position).
2. S2-1 ~ S2-4 ..... Input select switch(shown in LINE position).
3. S3-1 ~ S3-4 ..... EQ select switch(shown in "120μs" position).
4. S4-1, S4-2 ..... Limiter ON/OFF switch(shown in OFF position).
5. S5-1, S5-2 ..... Dolby IN/OUT switch(shown in OUT position).
6. S6 ..... Battery check switch(shown in OFF position).
7. S7 ..... Bias Low/HIGH select switch(shown in Low position).
8. S8 ..... Meter light switch(shown in OFF position).
9. S9 ..... Motor ON/OFF switch.
10. S10 ..... Motor ON/OFF Micro switch.
11. S11 ..... AC/DC select switch.
12. S12 ..... Power amplifier IN/OUT switch.
13. S13 ..... Play switch.
14. S14-1, S14-2 ..... Muting switch(off at REC/PLAY position).
15. VR1, 2 ..... Playback level adjustment VR.
16. VR3, 4, 5, 6 ..... Dolby NR adjustment VR.
17. VR7, 8 ..... Record level adjustment VR for NORMAL tape.
18. VR9, 10 ..... Record level adjustment VR for CrO2 tape.
19. VR11 ..... Level meter adjustment VR for R ch.
20. VR12 ..... Battery level adjustment VR.
21. VR601, 602 ..... Record input level control.
22. VR603 ..... Tone volume.
23. VR604 ..... Speaker volume with speaker ON/OFF switch.
24. Resistor values are in ohms (Ω), 1/4 watt unless specified otherwise.
    K = 1,000Ω.
    Resistors indicated thickly show printed type resistor.
25. Capacitor values are in microfarads (μF) unless specified otherwise.
    P = Pico-farads.
26. The mark(▼) shows test point. e.g. ▼ = Test point 1.
27. All voltage values shown in circuitry are under no signal condition with volume control at minimum position.
    For measurement, use VTVM.
28. For parts which are shaded(▒▒), only parts specified by the manufacturer should be used for replacement in critical circuit.