

Service Manual

**CIRCUIT & MECHANISM
DESCRIPTIONS
REPAIR & ADJUSTMENTS**



**ORDER NO.
ARP-489-0**

STEREO DOUBLE CASSETTE TAPE DECK

CT-055W

MODEL CT-055W COMES IN THREE VERSIONS DISTINGUISHED AS FOLLOWS:

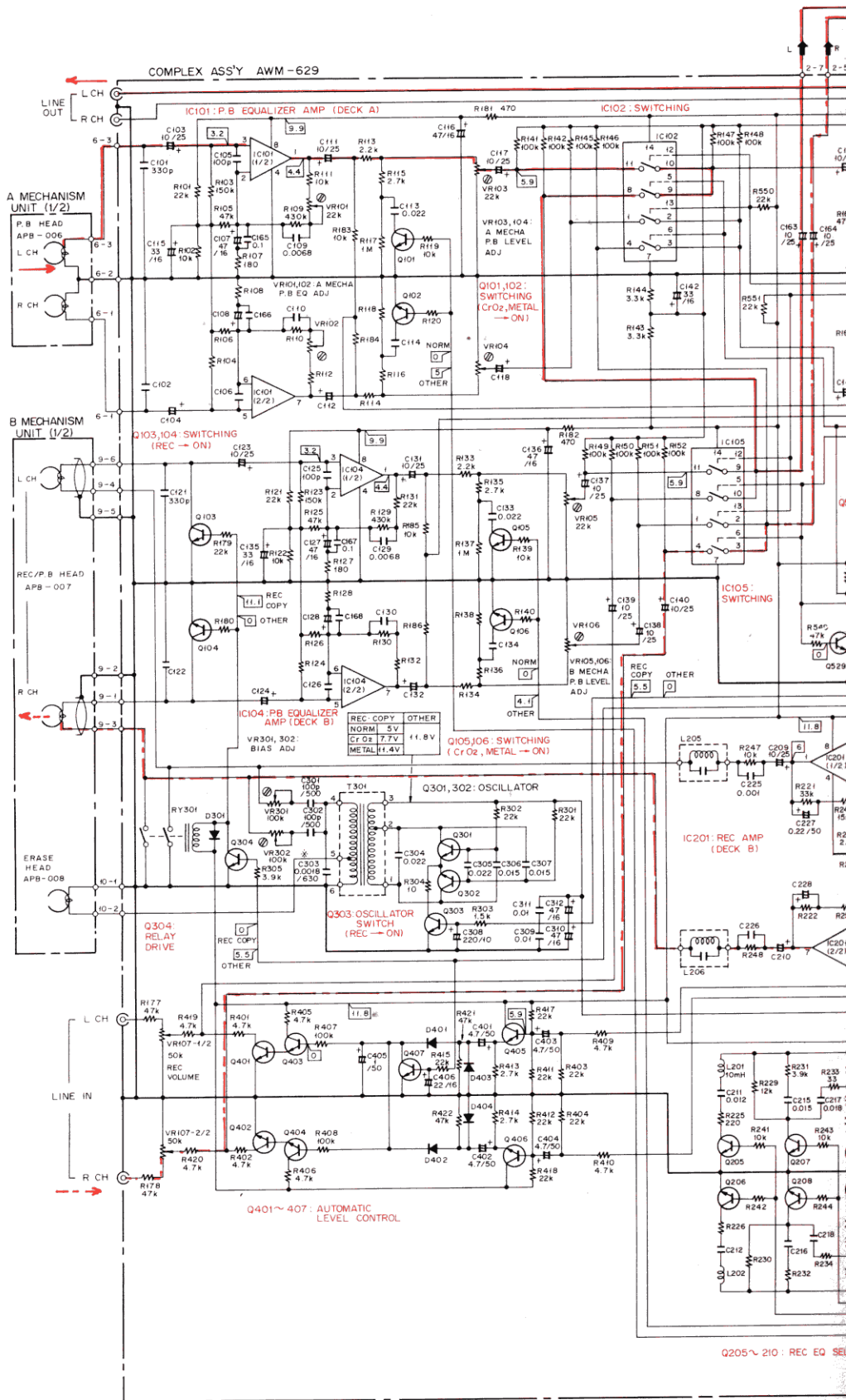
Type	Voltage	Remarks
KU	AC120V only	U.S.A. model
HEM	AC220V, 240V (switchable)	European continent model
HB	AC220V, 240V (switchable)	United Kingdom model

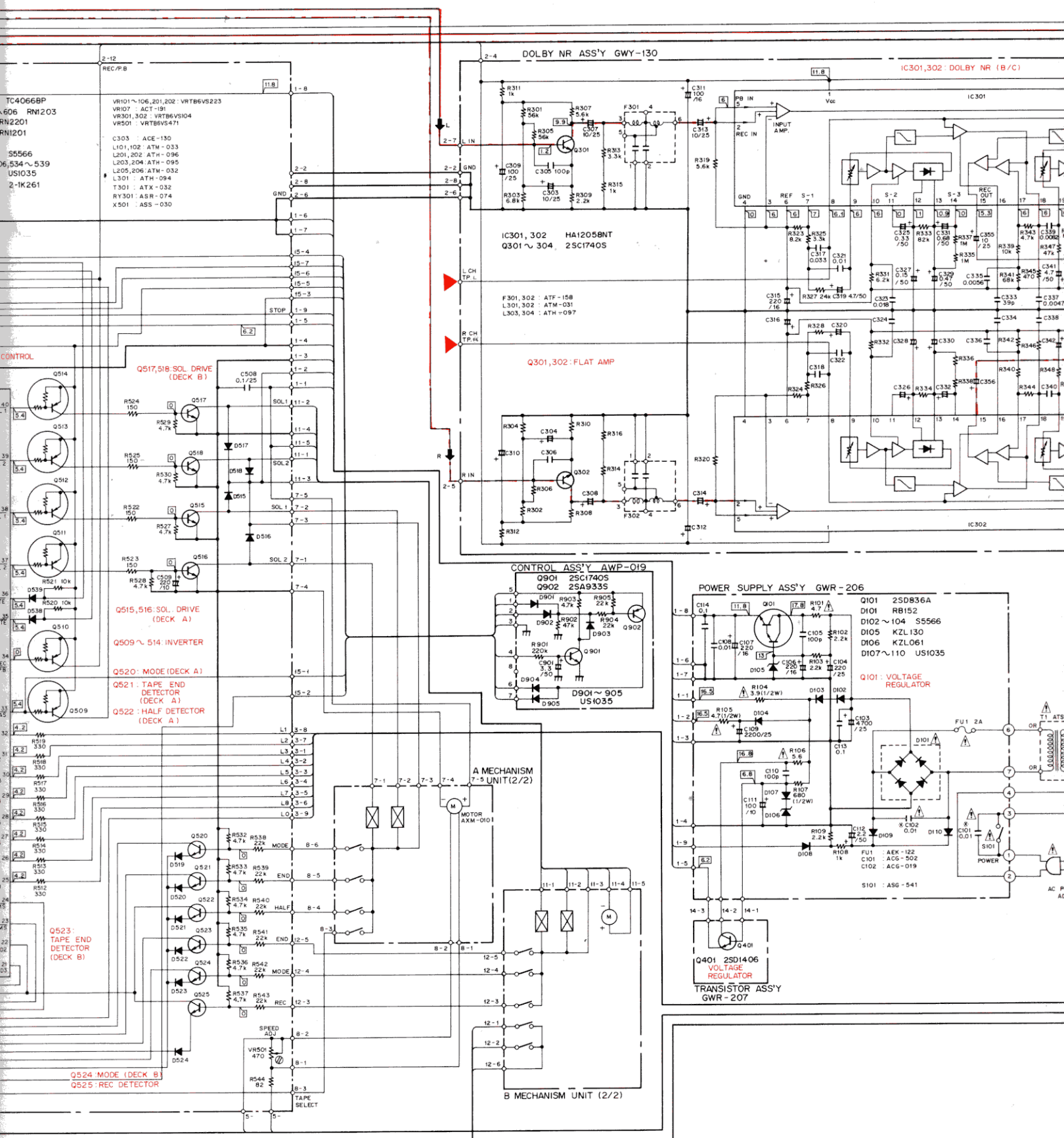
- This service manual is applicable to the KU, HEM and HB types.
- As to the HEM and HB types please refer to pages 68 – 70.
- Ce manuel d'instruction se réfère au mode de réglage, en français.
- Este manual de servicio trata del método ajuste escrito en español.

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9. SCHEMATIC DIAGRAM





NOTE:

The indicated semiconductors are representative ones only.
Other alternative semiconductors may be used and are listed in the parts list.

1. RESISTORS

Indicated in Ω , $k\Omega$, $M\Omega$, $\frac{1}{2}W$, $\frac{1}{4}W$, $\pm 5\%$ tolerance unless otherwise noted k; k Ω , M; M Ω , (F); $\pm 1\%$, (G); $\pm 2\%$, (K); $\pm 10\%$, (M); $\pm 20\%$ tolerance

2. CAPACITORS:

Indicated in capacity (μF)/voltage (V) unless otherwise noted p; pF. Indication without voltage is 50V except electrolytic capacitor.

3. VOLTAGE CURRENT:

□: DC voltage (V) at no input signal

4. OTHERS:

→ Signal route.

⊗ Adjusting point.

The Δ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.

* marked capacitors and resistors have parts numbers.

This is the basic schematic diagram, but the actual circuit may vary due to improvements in design.

SWITCHES:**POWER SUPPLY ASS'Y**

S101: POWER ON - OFF

INDICATOR ASS'Y

S201: MEMORY 1 ON - OFF

S202: MEMORY 2 ON - OFF

S203: MEMORY 3 ON - OFF

S204: MEMORY 4 ON - OFF

S205: MEMORY 5 ON - OFF

S206: MEMORY 6 ON - OFF

S207: MEMORY 7 ON - OFF

S208: MEMORY 8 ON - OFF

S209: PLAY (DECK A) ON - OFF

S210: STOP (DECK A) ON - OFF

S211: FF (DECK A) ON - OFF

S212: REW (DECK A) ON - OFF

S213: PLAY (DECK B) ON - OFF

S214: STOP (DECK B) ON - OFF

S215: FF (DECK B) ON - OFF

S216: REW (DECK B) ON - OFF

S217: REC (DECK B) ON - OFF

S218-1: TIMER REC ON - OFF

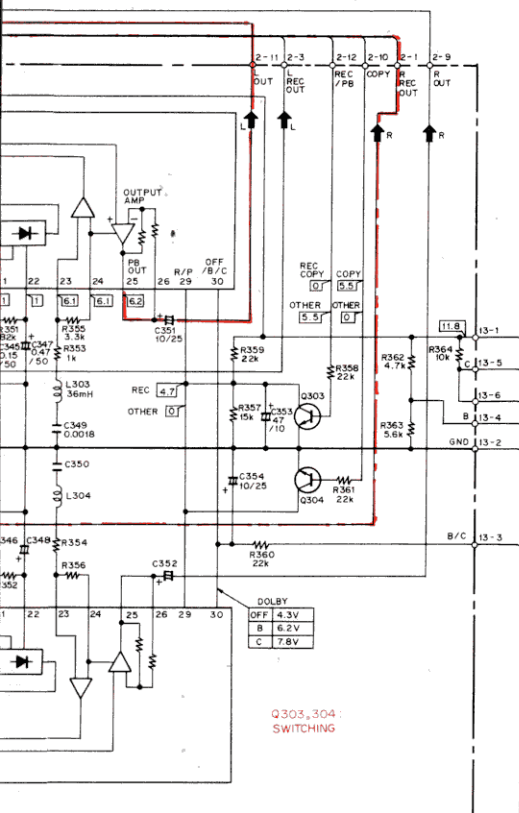
S218-2: DOLBY NR ON/OFF ON - OFF

S218-3: DOLBY NR B/C B - C

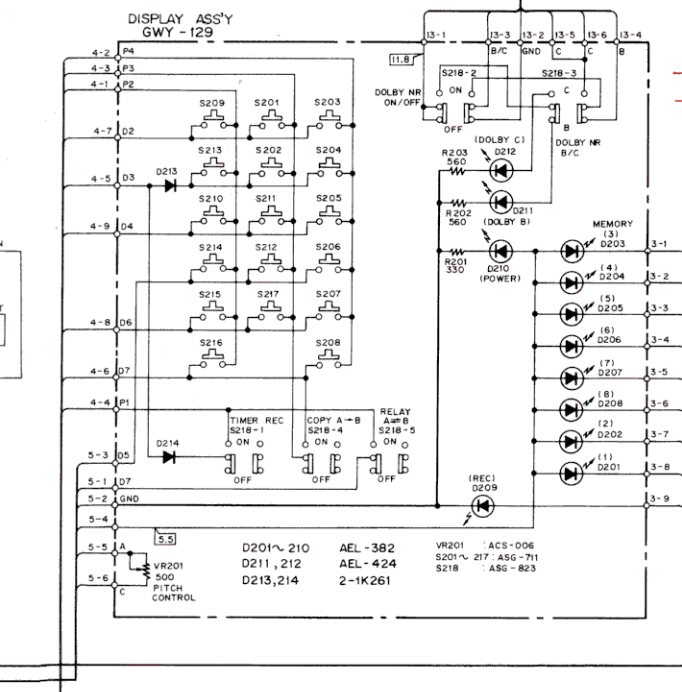
S218-4: COPY A → B ON - OFF

S218-5: RELAY A → B ON - OFF

The underlined indicates the switch position.



Q303, Q304:
SWITCHING

**DISPLAY ASS'Y
GWY - 129****Note:**

- Playback signal route (Deck A: PLAY, Deck B: STOP)
- - - Signal route (Deck A: STOP, Deck B: REC)
- ▲ Measurement point

A

B

C

D