

FIELD ENGINEERING BULLETIN

TITLE: COMPOSITE HEAD DAMPING RESISTOR

AMPEX PROVIDES PRODUCT IMPROVEMENT AND UPDATE INFORMATION THROUGH FIELD ENGINEERING BULLETINS FOR ALL AUDIO-VIDEO PRODUCTS TO ITS CUSTOMER WORLD-WIDE. THIS SERVICE REFLECTS AMPEX'S POLICY OF AFTER SALES SUPPORT TO ENSURE THAT MAXIMUM PERFORMANCE AND RELIABILITY IS REALIZED BY OUR USERS.

I. APPLICABILITY

ATR-100

II. PURPOSE

To allow a greater range of adjustment when using composite heads (Ferrite core /Metal Face).

III. DISCUSSION

It has been noted that when going from a ferrite head to the composite head, that the Q is different; thus making it necessary to change the damping resistor.

IV. PARTS REQUIRED

Parts required for this update can be purchased through Ampex. Installation assistance can be obtained through your local Ampex regional office at current Ampex Field Engineering rates.

	<u>Qty</u>	<u>Ampex P/N</u>	<u>Description</u>
ATR-101	1 ea.	058-251	100K 1/2 watt Potentiometer
ATR-102	2 ea.	058-251	100K 1/2 watt Potentiometer
ATR-104	4 ea.	058-251	100K 1/2 watt Potentiometer

V. PROCEDURE

Replace R34 on the Main Audio PWA with new potentiometer and adjust per the Reproduce Equalization Adjustments in your manual.