

**FIELD ENGINEERING BULLETIN**

TITLE: FAULTY CONTROL SWITCHES

AMPEX PROVIDES PRODUCT IMPROVEMENT AND UPDATE INFORMATION FOR ALL AUDIO-VIDEO PRODUCTS TO ITS CUSTOMERS 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 improve the reliability of the function switches inside the control unit.

**III. DISCUSSION**

The problem is attributed to a fine powder which falls from the push buttons when they contact the plunger of the micro-switch.

To eliminate the problem we are presently installing a polyethylene sheet between the two parts.

**IV. PARTS REQUIRED**

Parts 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>Description</u>	<u>Ampex P/N</u>
1 ea.	Polyethylene sheet	4291088-01

**V. PROCEDURE**

Remove control unit from machine and remove the four screws on the bottom which hold the unit together. Remove the bottom cover.

Then remove the two screws which secure the printed circuit card to the top display board.

Remove and replace all faulty switches with switch, Ampex part number 119-367. Insert polyethylene sheet over PC Board which buttons go thru and reassemble unit. Unit should now be tested to make sure all functions work.