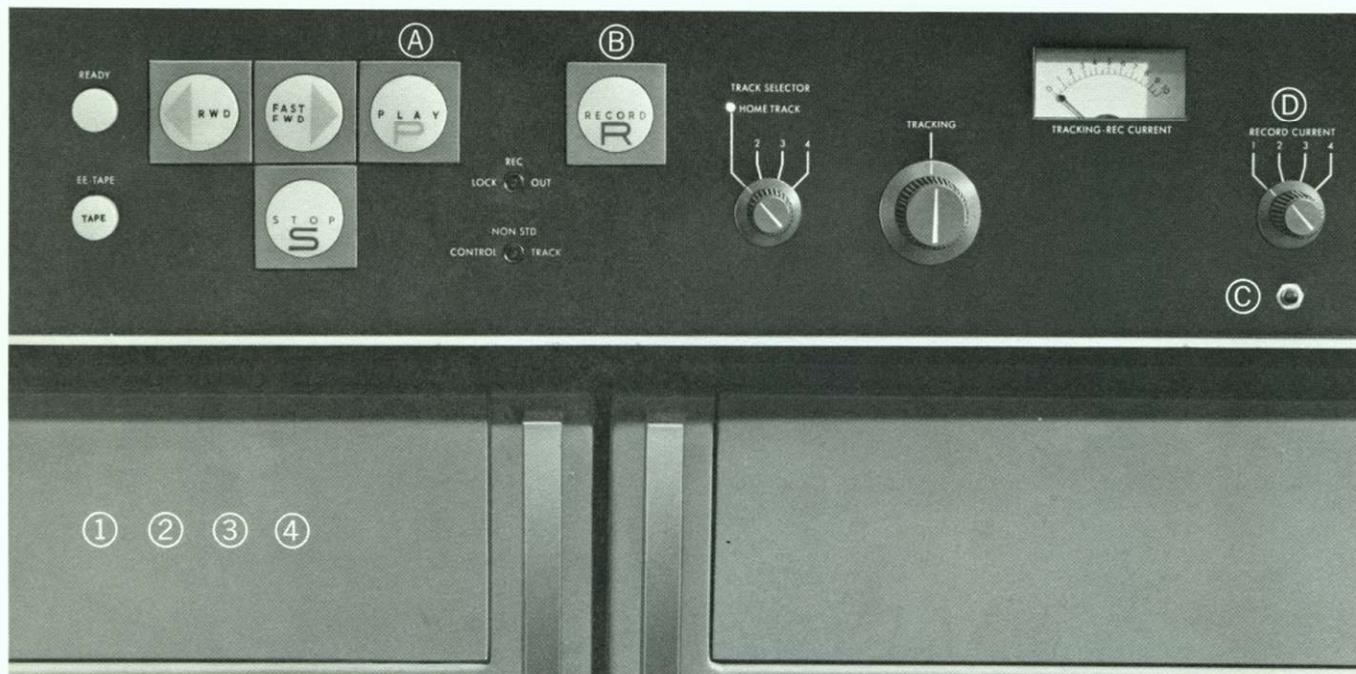


AMPEX

Video Head Optimizer

*for fast, 15-second
optimization of video heads on
Ampex VR-2000 and VR-1200 Series VTR's
... making it practical to optimize
head current before every tape*



Description

The new Ampex Video Head Optimizer (VHO) saves time and makes it easier to keep a VTR at peak performance. It reduces a 5-15 minute job to a mere 5-15 seconds. To optimize heads without the VHO, the operator must first make recordings at different record currents, then play back the tape to determine optimum level for each separate head by comparison. With the VHO, head current optimization is so much faster that it is now practical to optimize head current before each recording. Ampex VHO is supplied as standard equipment on the VR-2000B, as standard or optional equipment on VR-1200 Series VTR's and as a field-installed accessory kit for VR-2000's and VR-1200's now in use.

VHO Operation

To optimize heads with the new VHO, the operator first presses the PLAY, RECORD and OPTIMIZE buttons simultaneously (pushbuttons A, B and C in the photo above). With tape running, he then sets the Record Current meter switch (D) at position "1" and peaks the first head with level pot "1," while watching the tracking meter or scope. This same procedure is repeated for heads number "2," "3" and "4." When all four heads have been peaked, the VTR is ready to record. The whole procedure is convenient to implement and takes only a few seconds of the operator's time.

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