

### 3.2.3 Dynamic drum preset

Signal	<ul style="list-style-type: none"> <li>• Alignment tape [MHPE-L], Stairstep</li> <li>• PAL colour bar</li> </ul>
Mode	<ul style="list-style-type: none"> <li>• Automatic tracking OFF</li> </ul>
Equipment	<ul style="list-style-type: none"> <li>• Oscilloscope</li> </ul>
Measurement point	<ul style="list-style-type: none"> <li>• TP106 (PB FM)</li> </ul>
Trigger slope (+)	<ul style="list-style-type: none"> <li>• TP111 (DRUM FF)</li> </ul>
Adjustment tool	<ul style="list-style-type: none"> <li>• Presetting unit [PTU94008]</li> <li>• Digit -key remote controller</li> </ul>
Specification	<ul style="list-style-type: none"> <li>• FM waveform flat</li> </ul>

**Note :** Set VCR to the mode A by remote controller.

- (1) Connect an oscilloscope to TP106 and external trigger from TP111 (positive slope).
- (2) Playback the LP stairstep portion of the alignment tape at LP 2 x mode.
- (3) Set the automatic tracking control to the OFF by simultaneously pressing the CH “-” and “+” buttons.
- (4) Adjust for maximum level of the playback FM waveform by depressing CH “-” or “+” buttons.
- (5) Adjust by pressing “M+D” or “M+E” buttons of the presetting unit for the FM waveform is flat as shown in Fig. 3-2-5.
- (6) Adjust for half level of the playback FM waveform from maximum level by depressing CH “-” or “+” buttons.
- (7) Readjust by pressing “M+D” or “M+E” buttons of the presetting unit for the FM waveform is flat as shown in Fig. 3-2-5.
- (8) Record the colour bar signal by LP mode and play it back in the LP FWD slow mode.
- (9) Repeat steps (4) and (5).
- (10) Depress the STOP button.

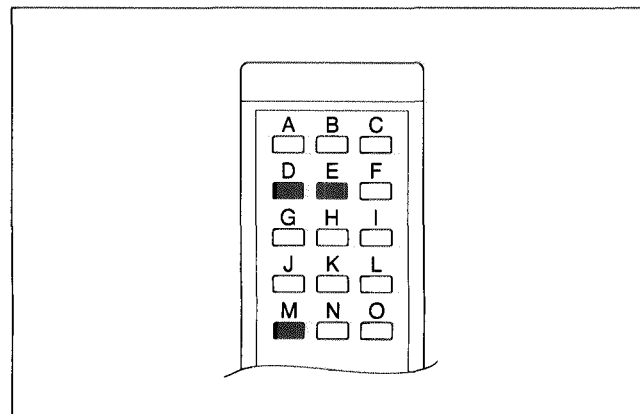


Fig. 3-2-4 Presetting unit

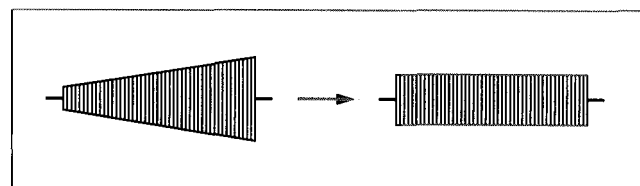


Fig. 3-2-5 PB FM

### 3.3 VIDEO CIRCUIT

**Notes:** • Unless otherwise specified, all measurement point and adjustment parts are located on the MAIN BOARD.

- VIDEO circuit adjustments are performed by the EVR system by use of the presetting unit and digit-key remote controller.
- S-INPUT means Y/C separated video signal in the chart.
- Set VCR to the mode A by remote controller.

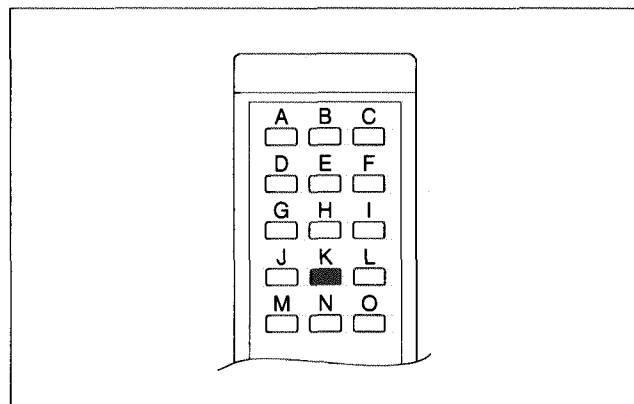


Fig. 3-3-1 Presetting unit

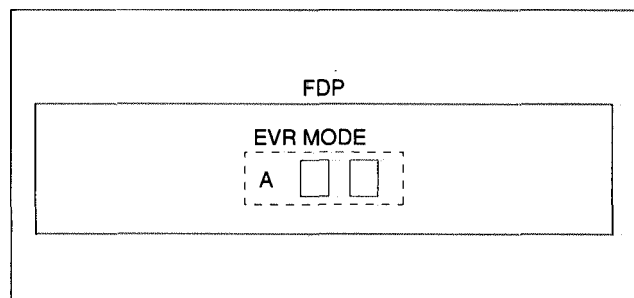


Fig. 3-3-2 EVR mode

#### 3.3.1 Y level

Signal	<ul style="list-style-type: none"> <li>• PAL colour bar</li> </ul>
Mode	<ul style="list-style-type: none"> <li>• EE</li> </ul>
Equipment	<ul style="list-style-type: none"> <li>• Oscilloscope</li> </ul>
Measurement point	<ul style="list-style-type: none"> <li>• Y OUT TERMINAL (75Ω TERMINATION)</li> </ul>
Adjustment tool	<ul style="list-style-type: none"> <li>• Presetting unit</li> <li>• Digit-key remote controller</li> </ul>
EVR mode	<ul style="list-style-type: none"> <li>• A : 11</li> </ul>
Specification	<ul style="list-style-type: none"> <li>• 1.00 ± 0.03 Vp-p (terminated)</li> </ul>

- (1) Connect an oscilloscope to Y OUT TERMINAL.
- (2) Set EVR mode by pressing “K” button of the presetting unit more than 2 seconds.
- (3) Set “A : 11” pressing 1 digit key twice of the remote controller.
- (4) Adjust CH “+” or “-” button for 1.00 ± 0.03 Vp-p (See Fig. 3-3-3).
- (5) Set normal VCR mode by pressing “K” button of the presetting unit again so adjustment data is memorized.