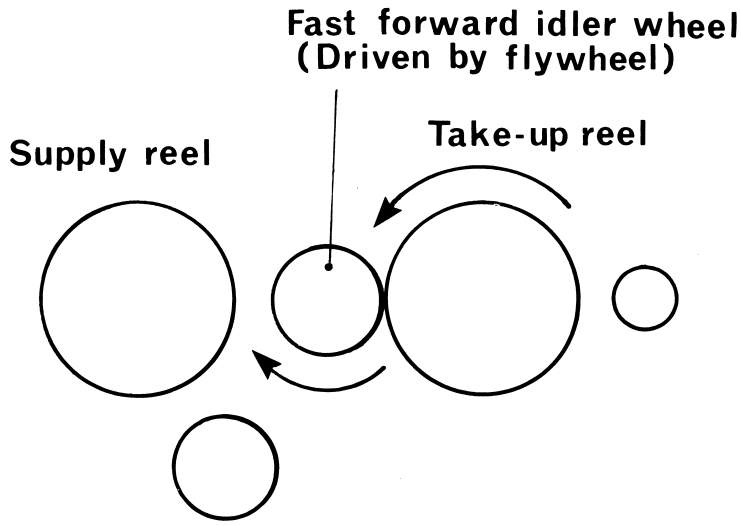
FAST FORWARD KEY

When the Fast Forward Key is pressed, the Brake Release Plate (80) is moved to the rear, releasing the Brake (44) and switching on the Micro-switches (129) and (151). At the same time the Fast Forward Idler Arm Assembly (74) is pulled toward the right so that its lower pulley comes into contact with the Flywheel, and its upper pulley contacts the Take-up Reel Pulley so that Fast Forward drive is applied to the tape.

Diag. 2

FAST FORWARD MODE



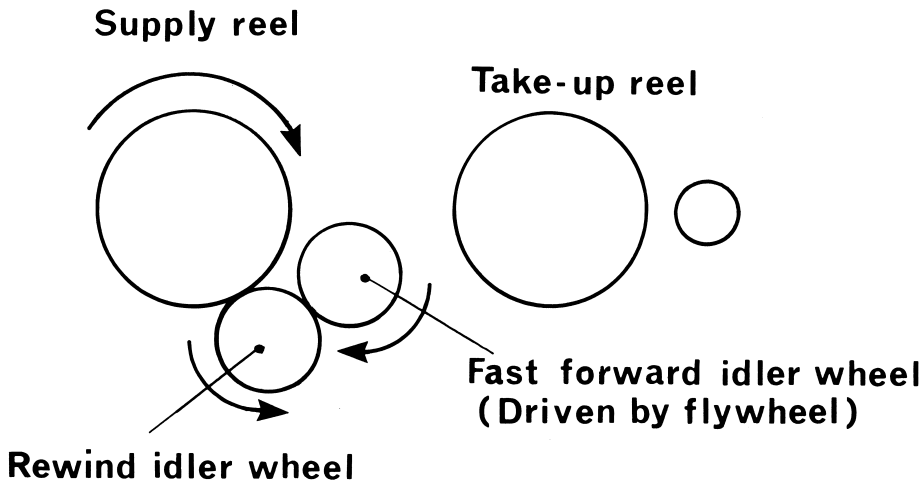
REWIND KEY

When the Rewind Key is pressed, the Brake Release Plate is moved toward the rear, releasing the Brake and switching on the Micro switches.

At the same time the Fast Forward Idler Arm assembly is moved toward the front, and the Rewind Idler Arm Assembly (82) is moved toward the rear. This causes the lower pulley off the Fast Forward Idler to contact the flywheel, and its upper pulley to contact the Rewind Idler Wheel. The Rewind Idler wheel is also now in contact with the Supply Reel Pulley, so that Fast Rewind drive is applied to the tape.

Diag. 3

REWIND MODE



RECORD KEY

When the Record Interlock Lever (47) is in the forward position the Record Interlock latch (86) prevents the Record key from being pressed down. The Record Interlock Lever will be moved to the rear, freeing the Record Key, only when a Cassette with Recording Tabs intact is loaded into the Cassette Holder, and the Cassette holder in the play (down) position.

When the Record Key is pressed down, the lever on its lower end actuates the Play /Record switch. When the Play Key and Record Key are pressed simultaneously, both keys are locked down, so that drive at the correct speed is provided to the tape by the previously described action of the Play Key, while appropriate connections are made to the Erase Head and Play/Record Head via the Play/Record Switch.

When the Play Key only is pressed, the Play/Record switch will be in the appropriate position for playback.