Editware
VPE AND SUPER EDIT ENGINEERING

TECH NOTE
Super Edit™ Version 8.0 and later

Accom RTD   10/15/97

This version of the Accom RTD driver is only available in Version 8.0 and higher.

This is the improved motion control driver for the Accom RTD real time disk recorder. This driver permits PEGS speed control in increments of 1% from -999% to 900% of play speed. Complete setup instructions for the RTD are included in this document.

TBC: None

STANDARD: NTSC/PAL

CONTROL: Direct, RS-422.
                                  SMPTE: 38.4Kbaud rate
                                  1 Start bit
                                  8 Data bits
                                  Odd Parity
                                  1 Stop bit.

ADDRESS: 0x80a2 (see system setup below)

EDIT FIELD: Field selectable on the RTD Recorder

EDIT MODES: Insert

SYNC CONTROL: Reference

MOTION FUNCTIONS: Jog, Shuttle, Variable, Play, Fast Forward and Rewind.

SYNC QC: Super Edit: On the Assignment page, set the QC = 3. (As with any device, if difficulty is experienced with synchronization, set the QC = -1.)

MINIMUM PRE-ROLL:	3:00 (no post-roll required)	

RECORDER SW: 2.01 2/13/97 16:34

SUPER EDIT: Version 8.0 or later

SYSTEM SETUPS: On the RTD keyboard, Press Normal Play switch, then press the Setup I/0 switch.

Select "Remote Setup" from the menu.

1. Set the desired RS422 port as follows:

Enable	-	ON
Protocol	-	SMPTE
Baud	-	38.4K
Fld-Dom	-	f1

For example: if port #1 is selected, the display should look like this:

RS422 #1A ON SMPTE   38.4K   f1

2. Select "CONFIG" from the Remote Setup menu. Set the configuration parameters as shown below:

Parameter	Set to	(default value)
Edit Delay	4 fields	(default 8)
Edit On Adjust	0	(default 0)
Edit Off Adjust	0	(default 0)
Field Reporting (TC)	OFF	(default ON)
Park Offset (Play)	0	(default 0)
Park Offset (Record	0	(default 0)
Prod ID	128 (0x80) : RTD	(default is same)
Roll Delay (Play)	2 fields (0 fields)	
Roll Delay (Record)	4 fields (0 fields)	
SMPTE Address	1:0x80a2	(default is same)
Time Code Offset	0	0
Transport Delay	0	0

Note: For use as a source, it is very important to set the Roll Delay (Play) to 2 fields for accurate synchronization.