Rx 100 *Interface Receiver*

Addendum to manual for the following dome:

Pelco Spectra (P-mode RS485 protocol)

(Software version RX1_P2V5)

Application Notes

Variable speed Pan/Tilt.
Zoom/Focus, Autofocus
16 full scene presets
2 preset patrols
4 alarm inputs driving to preset 1 - 4
Dome Pattern definition and playback

Advanced Features	Tx1000	Tx400	DM Sprite/DSL
Display dome menu (preset 95)	'#' WASH	'#' 1	*889 002
Enter within menu (iris open)	'#' WIPE	'#' 2	*889 003
Pattern define start	'#' AUTOPAN	'#' 3	*889 004
Pattern define stop	'#' LIGHTS	'#' 4	*889 005

To record a Pattern, direct the camera to the required starting position. Hold '#' and tap 'AUTOPAN'. The dome will now record pan/tilt and lens movement upto a time limit. To stop the recording, hold '#' and tap 'LIGHTS'. To play the recorded Pattern, press the AUTOPAN key only. The dome will repeatedly run the Pattern until either the joystick is moved or an alarm occurs.
(The example shows Tx1000 keystrokes, please substitute the keystroke for the controller used.)

Menu access:
Use '#' WASH to display menu. Navigate using the joystick and IRIS OPEN to select. When used with control systems without iris keys, eg DM Digital Sprite Lite, use *889 003.

Return to home: Can be programmed from the Dome menu.

RS485 control of dome. Data rate, 9600 Baud, No parity, 8 Data bits, 1 Stop bits

Connection details:

Dome	Description	Rx100
RX-	RS485(B) input	J3/C1
RX+	RS485(A) input	J3/C2

Notes:
The alarm output relay opens for approx 5 seconds upon power up. This can be used to signal power loss, etc.
*Check with the DM multiplexer manual for exact procedure for entering * commands.*

Dome settings: Select dome address 1, P-MODE PROTOCOL and 9600, N, 8, 1.