Serial Command Modes Demystified

URA-232 Serial Mode	Source of RS-232 Output String	Mode Dip Switch on Sender (UV232A-4/8S)	Notes
Pass-Thru (default)	Serial input at the Sender (UV232A-4/8S)	Down (232)	Trig button on the front of the sender is disabled. Whatever is input at the DB9F of the sender comes out the loop output on the DB9 Male of the sender and all the URA-232 receivers
Remote Button Trigger	Internal memory of URA-232	Up (TRIG)	Trig button on the front of the sender is used to send ON and OFF commands (toggle action with LED indication)
Remote Command Trigger	Internal memory of URA-232	Down (232)	Trig button on the front of the sender is disabled. The DB9F input of the sender is used to broadcast an ALL-ON or ALL-OFF command to the connected URA-232 receivers, whereby triggering them to issue their individual internal commands

Notes:

1. The URA-232 receivers have a Discrete Input on a screw terminal, when the receiver is in Remote Button or Remote Command Trigger mode, the unit also monitors this Discrete Input and can issue ON or OFF commands based on the state change at this input also. This can be used, for example to place a simple toggle switch on the wall where the URA-232 is installed to gain the ability to trigger each individual receiver to issue its own ON or OFF command (the remote trigger function from the sender will also work at the same time)
2. Currently there is no way to individually address a particular receiver and command it to send an on or off command. However, Hall Research can do this as a subset of Remote Command Trigger Mode if required.
3. To change the mode of the Receivers from the default pass-thru, it needs to be connected to a PC running URA-232 Programmer Windows Utility software (free).