

DX10V REVISION 8 ADDENDUM

The DX10V Revision 8 release (August 2023) is now RDM compliant. There are operational changes compared to prior revisions.

DIP SWITCHES

- The DMX start channel is now from the range of 1-511 and w/ all dmx start channel dip switches down = no response, dip 1 up = start ch 1 etc. A DMX Calculator App can be used to determine the dip switch settings
- No re-power is required for any dip switch settings.
- The latest setting change of: DMX start channel, Variable/Switch Mode, and/or DMX Loss Directive from either the dip switches or RDM sets will take precedence including a re-power. So dips switch settings may not show the actual setting if an RDM set command made the change(s).

DATA LED:

- Data LED will pulse or flicker instead of flash if a DMX error occurred while still showing DMX Data present.
- Data LED will pulse anytime the respective circuit has reversed the DMX line in response to a request or discovery response

DMX VALID INDICATION:

- DMX is valid if received every 1.2 seconds (previously 1 second) per RDM standard

RDM ADDITIONS:

- RDM Responder (E1.20 Compliant)
- DMX get and set LOSS DIRECTIVE: (since power up or reset), 00=all off, 01=all on, 010=hold
- RDM: get and set LEVEL_CAP: 0-10V Output limits e.g. the 0-10V max of 90%
- RDM: get and set Variable/Switch Mode (via RDM and DIP)
- RDM: get and set DMX LOSS COUNT up to 256
- RDM: get Panic Switch status – if equipped with a panic switch status is shown
- RDM: get and set Factory default: Set level cap to 100%, Dip switches ignored, DMX start channel set to 1, DMX Loss count cleared, DMX loss directive set to off, rename device label to ELM Video Technology, Inc.