



ProPlex IQ Tester LV – Function Guide v0.6.3

Rev. 031419

Input	ArtNet RX	Monitor sACN Streams/Universe Data Via 100Base-TX FD Port
	sACN RX	Monitor sACN Streams/Universe Data Via 100Base-TX FD Port
	DMX-IN	View DMX Data Via 5pin XLR DMX input

Output	Artnet TX	ArtNet Slot 1-4	Destination IP	The IP address of the receiver of the signal (255.255.255.255 is a special Broadcast address signifying “current network”: Allows Broadcast packets to be sent to the connected network regardless of the IP address)	
			Destination Port	Destination Port	
			FPS	Frame per second/ Data Packet Rate	
			Net	A group of 256 ArtNet universes, totally is 128 groups	
			Universe	Select output universe	
			Enabled/Disabled	Activate/Deactivate output using Up/Down navigation buttons	
			Set	Set the output source: One of 4 slots or DMX value using the Up/Down navigation buttons	
				DMX In	Use external DMX input as a source
				DMX Out	Use internal DMX output as a source (set in the DMX / RDM outp7ut section)
				Artnet 01-04	Assign internal ArtNet Slot (1-4) as a source
	View	View/set DMX values. Values are set using the navigation buttons.			
	sACN TX	sACN Slot 1-4	Destination IP	The IP address of the receiver. Note: 255.255.255.255 is a special Broadcast address meaning “current network,” allowing Broadcast packets to be sent to the network connection regardless of the destination IP address.	

			Destination Port	Destination Port	
			FPS	Frame per second/ Data Packet Rate	
			Prio	Priority	
			Universe	Select output universe	
			Enabled/Disabled	Activate/Deactivate output using Up/Down navigation buttons	
			Set	Set the output source: One of 4 slots or DMX values, using Up/Down navigation buttons	
				DMX In	Use external DMX input as source
				DMX Out	Use internal DMX output as a source (set in the DMX/RDM output section)
				sACN 01-04	Assign internal ArtNet Slot (1-4) as a source
			View	View/set DMX values using the navigation buttons	
DMX-OUT	View/set DMX values. The values are set using the navigation buttons.				
Input Merge	Merge DMX output with incoming DMX signal				

RDM	RDM Enable/Disable	Enable/Disable RDM
	RDM Devices	If an RDM device is selected, the address and mode of the device can be changed using the arrow keys

Ethernet	Network status	Activity Monitor	Network traffic analyzer
	Protocol Detector	ArtNet	Identifies ArtNet protocols in the network + basic information about the ArtNet protocol
		sACN	Identifies sACN protocols in the network + basic information about the sACN protocol
		MA-Net2	Identifies MA-Net2 protocols in the network + basic information about the MA-Net2 protocol
		HogNet	Identifies HogNet protocols in the network + basic information about the HogNet protocol
		HippoNet	Identifies HippoNet protocols in the network + basic information about the HippoNet protocol
		GreenGo	Identifies the GreenGo protocols in the network + basic information about the GreenGo protocol
	Active Devices	Lists the IP and MAC addresses of all active devices	
	Multicast Streams	Detects active multicast switches, detects multicast streams	

	Interface address Config	IP Adress	These settings activate after reboot.	Allows user to configure Tester's IP address
		Mask		Allows user to customize the Tester Mask
		Gateway		Allows user to configure the Gateway Tester

Cable Tester	PIN test	GOOD	Correct connection		
		N.C.	Not connected		
		-->Pin X	Contact is mixed with Pin X		
	Bitrate test		Check data rate. Indicates whether the cable is suitable for transmitting DMX data.		
	Signal Shape Analysis	Capture mode	Single	Shows one cycle	
			Cont.	Shows continuously	
		Signal Source	D+	Source +	
			D-	Source -	
			DIFF	Difference between + and -	
		Speed	Slow LTC	Speed for signals with a long cycle (LTC)	
Fast DMX/RDM	Speed for short cycle (LTC) signals				

DMX Timing	DMX-OUT Timing Config	24,25,30	Frame rate	
		Break	These timings can be any value to add up to make a packet length of up to one second	
		Mark After Break		
		Mark before break		
	DMX-IN Signal Scope	Show signal shape analysis		

Timecode	Timecode Receiver v 1.0	Receives timecode from input port		
	Timecode Generator v 1.0	24,25,30	Frame rate	
		DF30	NTSC Frame rate	
		Generate	Generate Time Code	
		Stop	Stop Time Code	
		Numbers	Set the numbers by clicking on them and changing the navigation buttons	

PoE Test	Run Test	Run PoE Test
	Run Test (Class4)	Run test for class 4 PoE