



NETcon 1 – 3 Art-Net Node

User manual

This manual contains important information on the safe operation of the product. Read and follow the safety advice and instructions given. Retain the manual for future reference. If you pass the product on to others please include this manual.

Safety instructions

Intended use

This device is used to distribute ArtNet and Ethernet signals. Any other use or use under other operating conditions is considered to be improper and may result in personal injury or property damage. No liability will be assumed for damages resulting from improper use.

Danger for children



Ensure that plastic bags, packaging, etc. are disposed of properly and are not within reach of babies and young children. Choking hazard! Ensure that children do not detach any small parts from the product. They could swallow the pieces and choke! Never let children unattended use electrical devices.

Where to use the product

Never use the product

- in conditions of extreme temperature or humidity
- in extremely dusty or dirty areas
- at locations where the unit can become wet

General handling

- To prevent damage, never use force when handling the product.
- Never immerse the product in water. Just wipe it with a clean dry cloth. Do not use liquid cleaners such as benzene, thinners or flammable cleaning agents.

Features

- ArtNet / DMX converter
- Bidirectional ArtNet Node for professional requirements
- Configuration via built-in display directly on the device
- RDM capable
- Adjustable DMX repeat rate (10 – 40 Hz)
- For 512 channels / one DMX universe
- Converts either ArtNet to DMX or DMX to ArtNet
- Black metal housing

Technical specifications

- Connections: 2 × Ethernet RJ45 lockable
XLR 3-pin. DMX in and output
- Power supply: via supplied power adapter: DC 5 V \equiv / 10 W
- Protective class: IP20
- Dimensions (W × H × D): 167 × 130 × 110 mm
- Weight: 0.34 kg

Using the product

Press MODE to enter the following menu, then use UP & DOWN to select the desired entry which you call up with SETUP:

1. IP address	2.x.x.x	IP type 1, automatically generated, not editable		IP address setting for ArtNet must be made according to the setting under IP type (4.).	
	10.x.x.x	IP type 2, automatically generated, not editable			
	DHCP	IP type 3, automatically generated, not editable			
	192.168.000.008	IP type 4, adjustable by user			
2. Subnet mask	255.000.000.000	IP type 1, automatically generated, not editable		Subnet mask setting for ArtNet must be made according to the setting under IP type (4.).	
	255.000.000.000	IP type 2, automatically generated, not editable			
	DHCP	IP type 3, automatically generated, not editable			
3. Universe	255.255.255.000	IP type, adjustable by user		ArtNet universe setting must be made according to the setting under IP type (4.).	
	000 – 255				
4. IP type	2.x.x.x (Auto)	IP address, automatically generated, not editable		Specifies the IP type for ArtNet.	
	10.x.x.x (Auto)	IP address, automatically generated, not editable			
	DHCP	IP address, automatically generated, not editable			
	Custom IP	IP address adjustable by user			
5. Unicast address	xxx.xxx.xxx.xxx			For setting the ArtNet unicast address. The validity of a unicast address requires the settings 'DMX DIR: IN' and 'unicast ON'.	
6. DMX Dir	In	DMX input, conversion DMX -> ArtNet		For setting the ArtNet direction.	
	Out	DMX input, conversion ArtNet -> DMX			
7. Unicast	On, (Unicast on)	Mode	Master	Slave	Notes: • The validity of the unicast setting requires the setting 'DMX DIR: IN'. • 'XXX' means 'value irrelevant'. • The unicast address of master and IP address is the same as in unicast mode. However, there is one special case, for example, the slave IP address: 192.168.1.1, master unicast address: In addition to the setting of 192.168.1.1, it can also be set to 192.168.1.255, where 255 is a general address. The last IP range of the slave is 0-254. Therefore, we recommend not to use 255 as a special address.
		IP address	192.168.1.0	192.168.1.1	
		Subnet mask	255.255.255.0	255.255.255.0	
		Universe	0	0	
		IP type	4) Custom IP	4) Custom IP	
		Unicast address	192.168.1.1	xxx.xxx.xxx.xxx	
		DMX Dir	In	Out	
	Off, (Unicast off), Broadcast	Unicast	On	Off	
		Mode	Master	Slave	
		IP address	192.168.1.0	192.168.1.1	
		Subnet mask	255.255.255.0	255.255.255.0	
		Universe	0	0	
		IP type	4) Custom IP	4) Custom IP	
		Unicast address	xxx.xxx.xxx.xxx	xxx.xxx.xxx.xxx	
8. RDM Enable	On			To enable (On) or disable (Off) the RDM function.	
	Off				
9. Frame Rate	10 – 40 (Hz)			Sets the DMX repeat rate for ArtNet.	
10. Settings	Lock	On	Enables (On) or disables (Off) automatic display lock. To release the display lock, keep [Mode] and [Setup] pressed for 3 sec.		
	Back light	On	Enables (On) or disables (Off) backlight auto-off function when not in use.		
	Factory	Yes	Reset to delivery condition.		
11. Exit	No			To exit the menu.	



For the transport and protective packaging, environmentally friendly materials have been chosen that can be supplied to normal recycling. Ensure that plastic bags, packaging, etc. are properly disposed of. Do not just dispose of these materials with your normal household waste, but make sure that they are collected for recycling. Please follow the notes and markings on the packaging.



This product is subject to the European Waste Electrical and Electronic Equipment Directive (WEEE) in its currently valid version. Do not dispose of your old device with your normal household waste. Dispose of this product through an approved waste disposal firm or through your local waste facility. Comply with the rules and regulations that apply in your country. If in doubt, consult your local waste disposal facility.