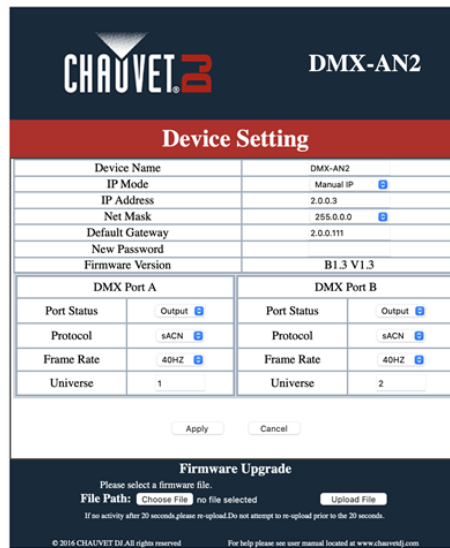


Chauvet DJ DMX-AN2 Initial Setup on Windows

Direct Ethernet setup, static addressing, sACN configuration, and DMXDesktop mapping



Factory details: DMX-AN2 address 2.0.0.1. Login Admin / Admin. Recovery login CHAUVETDJ / CHAUVETDJ. For sACN use universes 1 and 2.

1. Connect the node directly

Connect the DMX-AN2 to an unused Ethernet port on the Windows PC. Power it with its adapter or suitable PoE. A direct cable is simplest for first setup.

2. Set a temporary manual IP address

Open Settings → Network & Internet → Advanced network settings. Select the Ethernet adapter, open its IPv4 settings, choose Manual, and enable IPv4.

Windows Ethernet setting	Temporary value
IP address	2.0.0.2
Subnet mask	255.0.0.0
Default gateway / Router	Leave empty
DNS	Leave empty

Do not assign 2.0.0.1 to the computer. That address belongs to the AN2 and would create an IP conflict.

3. Open the web interface

Browse to <http://2.0.0.1>. Log in with Admin / Admin; use CHAUVETDJ / CHAUVETDJ only as the recovery login. If it does not open, disconnect VPN software and temporarily disable Wi-Fi.

4. Change to a permanent 10.x address

Use 10.20.0.x. The AN2 documentation states that Art-Net requires an address beginning with 2 or 10, so this plan remains valid for both sACN and later Art-Net use.

Device	IP address	Subnet mask	Gateway / Router
Windows Ethernet	10.20.0.1	255.255.255.0	Leave empty
DMX-AN2	10.20.0.2	255.255.255.0	Leave empty / 0.0.0.0

In the AN2 page set IP Mode: Manual IP, address 10.20.0.2, mask 255.255.255.0, and no gateway. Click Apply. Then change the computer Ethernet address to 10.20.0.1 with the same mask and reopen <http://10.20.0.2>.

5. Configure both outputs for sACN

Setting	DMX Port A	DMX Port B
Port Status	Output	Output
Protocol	sACN	sACN
Frame Rate	40 Hz	40 Hz
Universe	1	2

The AN2 does not normalise sACN to zero-based numbering. AN2 Universe 1 listens to sACN wire universe 1; AN2 Universe 2 listens to sACN wire universe 2. Zero-based numbering applies to Art-Net.

6. DMXDesktop licence requirement

Two universes require Standard or Pro. Free supports one universe only. Standard supports two; Pro supports additional universes.

7. Configure Settings → DMX I/O

The actual columns are Uni | Dir | Driver | Target | Out Uni | Priority | Merge | Status | Enable. On Standard, rows for universes 1 and 2 are normally pre-seeded but disabled. Find the two sACN rows and switch Enable on; do not add duplicates.

On Pro, universe 1 is normally seeded. Use + Add Driver only when the required second row is absent. Free has no Add button because it is limited to one universe.

UI column	Port A row	Port B row
Uni	1	2
Dir	Output	Output
Driver	sACN	sACN
Target	Multicast	Multicast
Out Uni	1	2
Priority	100	100
Enable	On	On

With multicast enabled, no destination IP is required. DMXDesktop derives the multicast address from Out Uni. User-facing universes remain 1, 2, 3 and so on. For Art-Net only, DMXDesktop transmits user-facing Universe 1 as native Art-Net Universe 0.

8. Final checks

1. Port A fixtures are patched to DMXDesktop Universe 1.
2. Port B fixtures are patched to DMXDesktop Universe 2.
3. Both sACN rows show Enable on and an active Status.
4. The AN2 Ethernet and DMX indicators flash while transmitting.
5. Allow DMXDesktop through Windows Firewall on private networks.
6. If required, confirm the dedicated Ethernet network is classified as Private.

Final configuration

Windows Ethernet: 10.20.0.1 / 255.255.255.0 / no gateway

DMX-AN2: 10.20.0.2 / 255.255.255.0 / no gateway

Port A: sACN Output, Universe 1

Port B: sACN Output, Universe 2

DMXDesktop: sACN Uni 1 / Out Uni 1 and Uni 2 / Out Uni 2, both enabled

More information: www.dmxdesktop.com/dmx-io