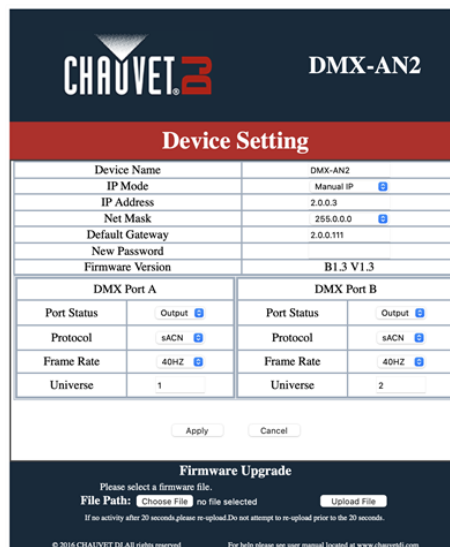


# Chauvet DJ DMX-AN2 Initial Setup on macOS

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 Mac. Use a USB-C or Thunderbolt Ethernet adapter if required. Power it with its adapter or suitable PoE. A direct cable is simplest for first setup.

## 2. Set a temporary manual IP address

Open Apple menu → System Settings → Network. Select Ethernet, click Details, open TCP/IP, and set Configure IPv4 to Manually.

| macOS 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      |
|----------------|------------|---------------|-----------------------|
| macOS 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 Local Network access when macOS asks.
6. If required, enable it under System Settings → Privacy & Security → Local Network.

### Final configuration

**macOS 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](http://www.dmxdesktop.com/dmx-io)