

# Universes

zactrack is able to send and receive the following network DMX protocols:

- **ArtNet**
- **sACN**



## Add universes

- Tap on Universes in the Show Editor
- Tap to add a new universe
- Type in a unique name of the universe and tap on Create
- Choose Input or Output universe
- Choose ArtNet or sACN and type in the appropriate universe
  - **ArtNet**
    - Broadcast: 2.255.255.255
    - Unicast: Type in the ip address of the appropriate network listener (Ethernet/DMX Node)

**Note: Universe starts at 0.0**
  - **sACN**
    - Multicast
    - Unicast: Type in the ip address of the appropriate network listener (Ethernet/DMX Node)
- Toggle In Merge and choose the appropriate IN Universe if you also have additional fixtures patched in the universe which you don't use for following.  
 → **All channels coming from this IN Universe will be rerouted to this created OUT universe**
- Tap Ok
- Tap and tap upload to server  
**Note: Upload to server will affect the current show**
- shows successful upload



## Universe traffic monitoring

- Tap on Universes in the Show Editor

- Tap on  on the right side of the specific universe you want to monitor

**Note: You can monitor both IN and OUTPUT universes**



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