

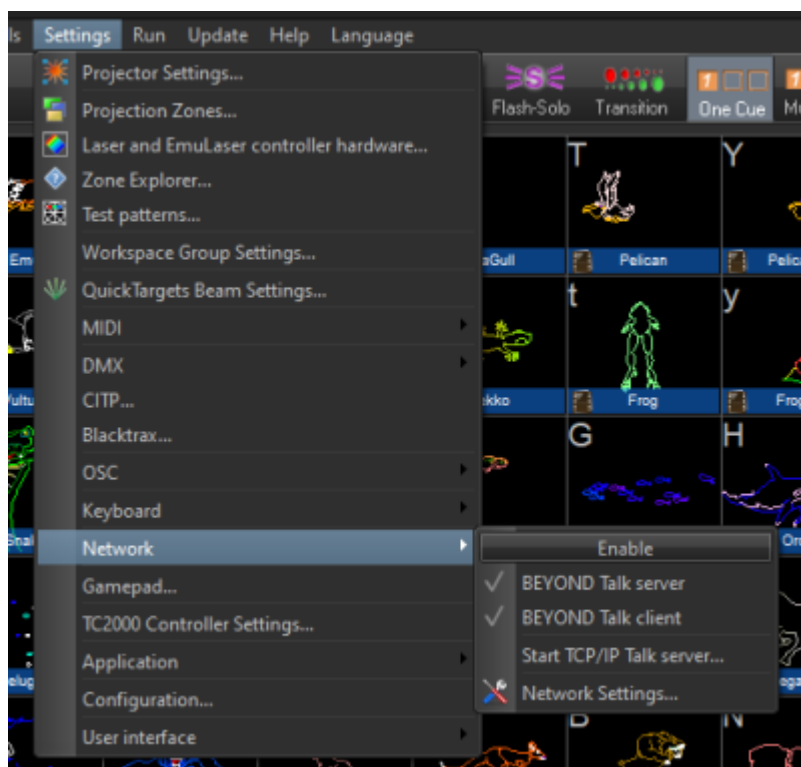
# Send packages to BEYOND

BEYOND accepts incoming TCP and/or BEYOND signals on the Talk Client service. By enabling this service, you can send custom PangoScript commands to BEYOND. The sender of the package can be any application that is capable to send TCP commands.

The advantage of this is that that this allows you to control BEYOND over ethernet. This configuration uses the free utility [package sender](#), but this could even be your own coded program.

## Enabling Talk server and client

Open **Settings** » **network** » “**BEYOND Talk server**” and “**BEYOND Talk client**”



Now you need to enable the Talk server service and talk server client service in the network settings window. Open up **Settings** » **network** » **Network settings**.

The default ports used are 16062 for UDP and 16063 for TCP. You can also change the ports used for these two services.



## Package sender example

Download and install the free application [Package Sender](#).

After opening package sender, configure it like shown as the screenshot below.

Note that the address needs to be replaced to the IP address of the computer that is running BEYOND. If BEYOND is running on the same machine, the IP address will be 127.0.0.1 .

In this case I am sending the command "SetBpm 120" but BEYOND accepts all OSC based commands.

Name Test Package

ASCII SetBpm 120\r\n

HEX 53 65 74 42 70 6d 20 31 32 30 0d 0a

Address 10.10.1.148 \* Port 16062 \* Resend Delay 0 \* UDP Send Save

Search Saved Packets... Delete Saved Packet Persistent TCP

| Send | Name | Resend (sec) | To Address | To Port | Method | ASCII | Hex |
|------|------|--------------|------------|---------|--------|-------|-----|
|      |      |              |            |         |        |       |     |

Clear Log (1) Log Traffic Save Log Save Traffic Packet Copy to Clipboard

| From IP    | From Port | To IP | To Port     | Method | Error | ASCII          | Hex                                 |
|------------|-----------|-------|-------------|--------|-------|----------------|-------------------------------------|
| 10.10.9... | You       | 53049 | 10.10.1.148 | 16062  | UDP   | SetBpm 120\r\n | 53 65 74 42 70 6d 20 31 32 30 0d 0a |

UDP:53049 TCP:56551 SSL:56552 IPv4 Mode

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