

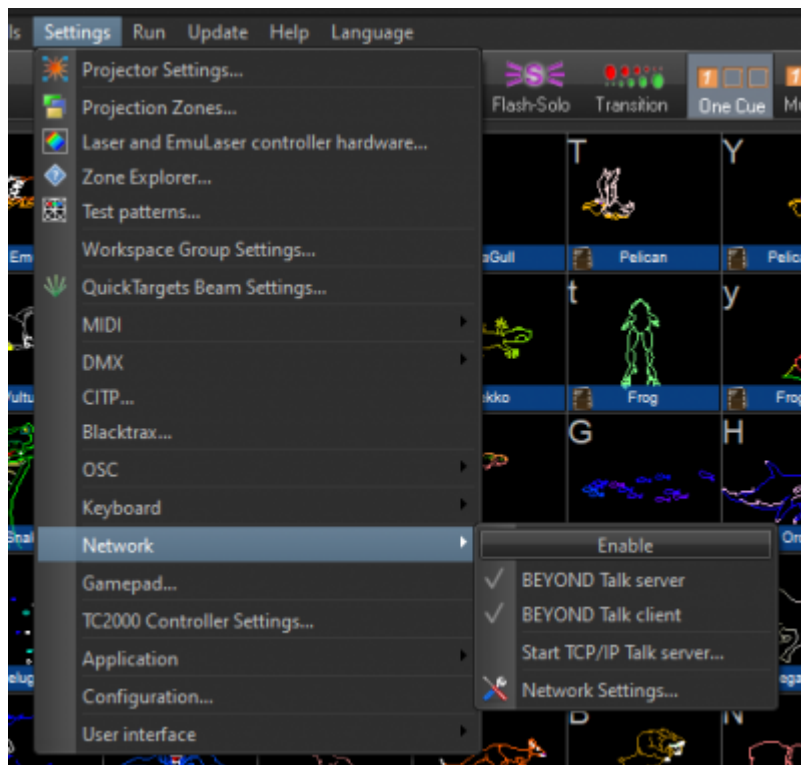
Send packages to BEYOND

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

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

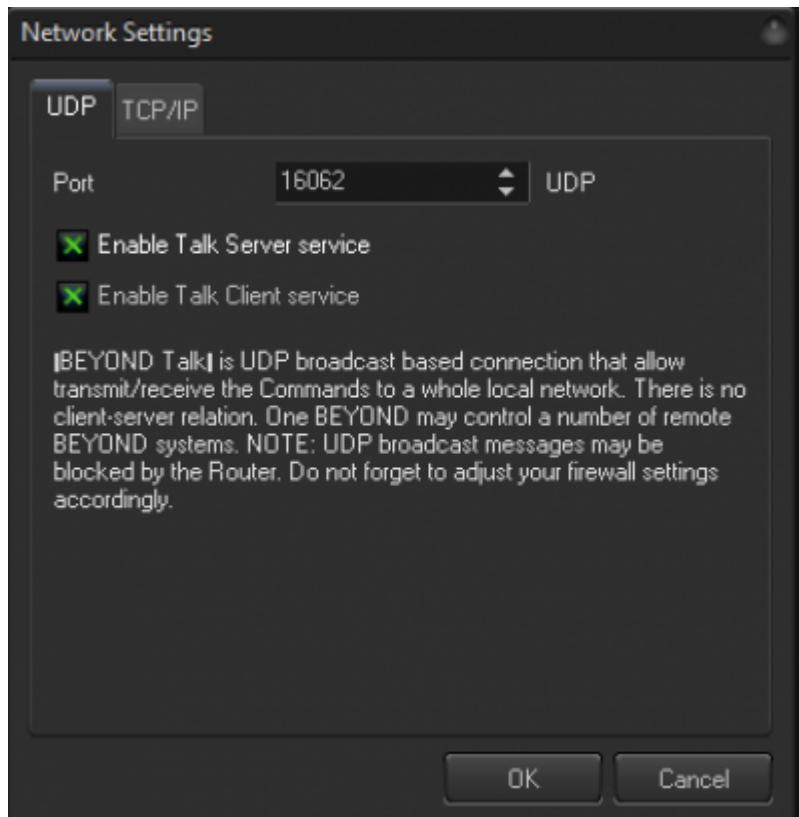
Enabling Talk server and client

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 PangoScript based commands.

Note that every command needs to be followed by \r\n (CR LF aka line separator) as shown below.

Packet Sender - IPs: 10.37.129.2, 10.211.55.2, 10.10.1.150, 10.10.1.111, fe80::1%lo0, fe80::1852:9e24:4231:243d%en1, fe80::1c00:4760:fa0:e9...

Name **Test Package**

ASCII **SetBpm 120\r\n**

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

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
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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
10.40.9...	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

This should be the IP of the computer running BEYOND

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