PRODUCT DESCRIPTION:

Complimenting our Beckhoff based PLC motion control system the Beckhoff User Dongle provides the end user with the opportunity to create custom PLC applications that can be called upon and executed by Raynok on customer supplied hardware.

The RAY-BUD-ICOM plugs into the target PLC device and completes the communications connection necessary for the PLC to talk to Raynok.

Create your own run to target, run to position or sequential motion programs on in-house supplied Beckhoff PLC and trigger the sequence from your Raynok UI cues.

Customers will find that even though they are limited to simple command structures between their application and Raynok, the cost savings of creating application specific executable programs in-house is worth the investment into the Raynok Motion Control System.

Let Niscon handle the high-performance motion profiles with the full power of Raynok and our Safety Supervisor PLC System and keep some of the fun in house with the RAY-BUD-ICOM.

BECKHOFF USER DONGLE

LICENSING STRUCTURE:

Allowable uses:

- I/O control, run to target (limit or encoding handled by PLC)
- Run to target (PID loop, brake and all motor control by others)
- Linking to Raynok UI Constraints Manager
- Fully cueable with the complete range of application functions (Accel, Velocity, Decel)
- Display of Position, Generic Fault, In-motion
- Commands from Raynok include: HTR status, GO, STOP, E-STOP, Console Heartbeat & Comms OK
- Annual subscription includes 8hrs. of on-line/telephone technical support with one of our application specialists
- License subscribers receive a 25% discount on custom application work, drawings, engineering and connsultations during the licensing period
- Perfect solution for: effect triggers, air or electric powered prop effects, trick doors or flaps, lighting effects that are integrated with scenic movement, techie-pride fun projects that want to be done in-house
- Pricing: 1-866-622-7773

Limitations of use:

Unfortunately, we cannot allow a full range of use with this feature. It has taken over 50 labour years to get Raynok to where it is today (2021). Here is the short list of applications that we are unable to allow under this feature.

Not Supported:

- 3-dimensional flight on user PLC
- Life-safety hardware, functions or systems on user PLC