

PSP-Nx-v4-REF with Referee Signal Receiver

Robotics Educators and Referees need a simple method to moderate competitions so that all the competing robots can transition their robots from one state to other at the same time.



PSP-Nx-v4-REF model is Equipped with an Infrared Sensor for simple and elegant Referee Control.

This allows you to:

Send Referee commands to multiple robots at the same time. Such as:

- Autonomous Mode Begin,
- Autonomous Mode End / Teleop Mode Begin

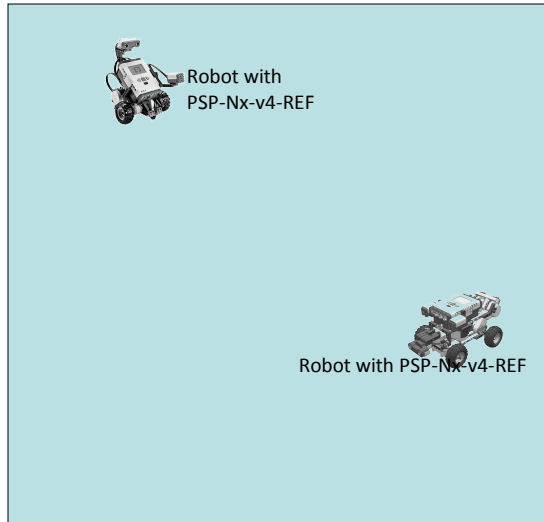
(In Autonomous Mode, the Joystick data transmission to NXT is disabled.)

To send Referee Signal:

Referee can use a TV Remote or mindsensors' Referee Signal Transmitters.

Classroom Setup with PSP-Nx-v4-REF

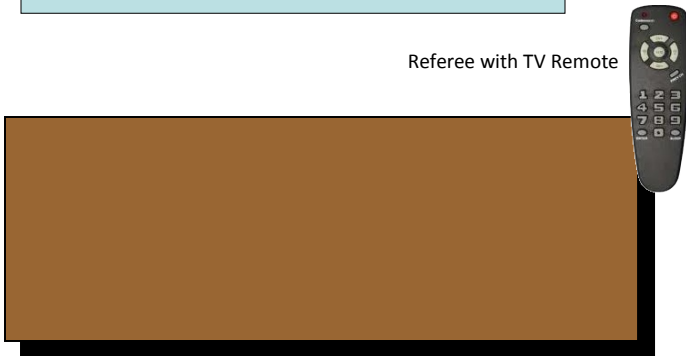
Arena



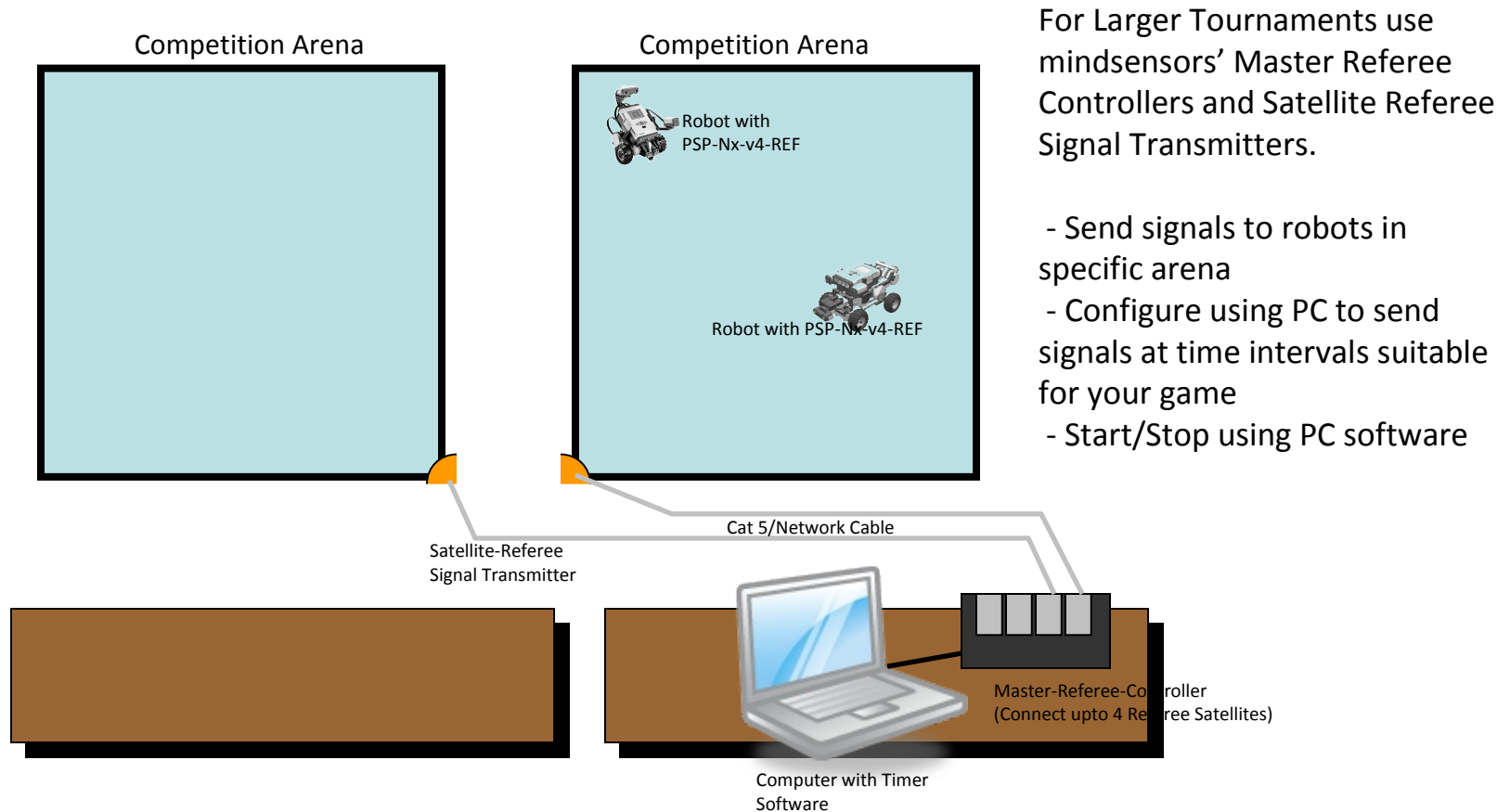
Referee with a standard TV remote to moderate the competition.

- Ideally suited for a classroom (or competitions with single arena).
- Any standard TV/DVD/VCR remote or Universal remote can be used.
- Use Remote buttons 'Play', 'Stop', etc. to send commands to robots.

Referee with TV Remote



Tournament Setup with PSP-Nx-v4-REF



For Larger Tournaments use mindsensors' Master Referee Controllers and Satellite Referee Signal Transmitters.

- Send signals to robots in specific arena
- Configure using PC to send signals at time intervals suitable for your game
- Start/Stop using PC software