Problems

Dropping the laptop

~~Forgetting the laptop~~

Having to carry the laptop

Having to set up a connection

~~Having BT timeout~~

Having to take the WFS in and out of the program

~~Not being able to easily demo during judges’ meetings~~

Pros of the Solution

Stylish

Affordable

Convenient

Small

Light

Dependable

Fixes all of the above problems

Easy to use

Layout Options

Flash through problems with dramatic music, then switch to the ChapR and all its glory with cheesy/cheerful music

Several different scenarios, where the ChapR saves the day each time

~~Extolling the virtues of the ChapR, flashing back to problems it has solved~~

Cast

PI RHO DRIVER 2 –

PI RHO COACH –

PIERCE

EXTRA 1 –

PI RHO PROGRAMMER –

PROGRAMMER 1 –

PROGRAMMER 2 -

DISEMBODIED VOICE –

MUSIC -

1. Rotunda – Mock Competition

WIDE SHOT of the small FTC field set up under the skylight. Cluttered worktables in the background, with extra students standing around the field. PIERCE and PI RHO DRIVER 2 are standing with controllers next to PI RHO COACH on one side of the field, intently controlling their robot.

PI RHO DRIVER 2

We almost have a blackout…

PI RHO COACH

Keep going!

CLOSE UP of the drive team.

PIERCE

Blackout!!!!!!

CLOSE UP of PIERCE as he throws his hands in the air and jerks the cable of the controller.

EXTRA 1

Pierce!

SLOW MOTION CLOSE UP of the laptop tumbling off the stool. All sounds stop. The stool clatters to the ground on top of it.

CLOSE UP of PIERCE’s shocked face, then each member of the drive teams’.

CLOSE UP of the laptop. Time abruptly speeds up as PHI RHO PROGRAMMER runs to the wreckage, crying.

PI RHO PROGRAMMER

Look what you’ve done…my laptop…

[sobs]

DISEMBODIED VOICE

Is your laptop having connection issues?

MEDIUM SHOT as PI RHO PROGRAMMER glances at the remains of his laptop and then at the camera.

1. Storage Room – Setting up BT Connection

MEDIUM SHOT from behind two programmers as they work on RobotC. They are pulling up pop-up menus and debating back and forth as to how to get it working.

PROGRAMMER 1

I’ve been repeating the search, but the brick won’t come up!

PROGRAMMER 2

Have you tried removing past connections?

PROGRAMMER 1

[slightly irritated] Of course.

PROGRAMMER 2

Have you reset Bluetooth on the brick?

PROGRAMMER 1

[irritated] That’s what I did first.

MEDIUM SHOT from the front of the laptop, showing the two programmers.

PROGRAMMER 2

Can you clear the Bluetooth connection history on your PC?

PROGRAMMER 1

No I’m running Windows XP. Can we use your laptop?

PROGRAMMER 2

No I don’t have RobotC. Can we try a different USB BT device?

PROGRAMMER 1

No Ben left his at home.

PROGRAMMER 2

Maybe it’s just a bad brick.

PROGRAMMER 1

[frustrated] I’m telling you, it was working when I-

DISEMBODIED VOICE

Is RobotC giving you troubles?

1. Hallway – Impromptu Testing

MEDIUM SHOT of RACHEL balancing the laptop on her leg in front of her robot.

RACHEL

[mocking] “This may take 30 seconds”. [irritated] It’s been 30 seconds!

CLOSE UP of RACHEL’s scowl as she struggles with the laptop and clicking through menus.

RACHEL

[impatiently muttering] Come on, come on. We have to get this tested before the next match…

ZOOM on low battery in the corner of the screen.

RACHEL

[slightly shrill] Low battery?! Now?

MEDIUM SHOT as Rachel hops around looking for a charging cable, then plugs in her laptop and awkwardly tries to hit the passkey button on the NXT.

DISEMBODIED VOICE

Is setting up a connection slowing you down?

1. Sunny Rotunda – Solution

CLOSE UP of ChapR with blank background.

DISEMBODIED VOICE

1st Scenario (with one team instead of two) – pain and loss

The laptop crashes to the ground. Stop on PI RHO PROGRAMMER’s face. “Are you having connection problems?”

2nd Scenario (RobotC connection problems) - frustration

See screen with pop-ups, then two people working on the computer. “Is RobotC giving you troubles?”

* BT problems with the oS
* Power problems
* Not bringing the laptop

3rd Scenario () – impatience

Someone trying to get the robot up and running quickly. “Are BT connections slowing you down?”

Solutions – painless, pleasant and fast

Each person tells about the part of the ChapR that fixes their problem. Then the ChapR runs once, squeeps and connects instantly. The disembodied voice comes back with the slogan and “see chapr.weebly.com for details”. Music plays, then black falls, the circle centers on the ChapR, which squeeps again before the screen goes black.

An easy-to-use, convenient and portable device, the ChapR allows you to instantly Bluetooth to your NXT brick and set up drive practices, without the hassle of a laptop!