

1. Overview

Two or more Aquatrac controllers with modems can share a common phone line using a commercially available phone switch. 'AS', Flex' & MultiFlex controllers can share a common telephone line.

The phone switch answers the phone after the first ring and routes the call to the controller modem when the phone switch receives the access code.

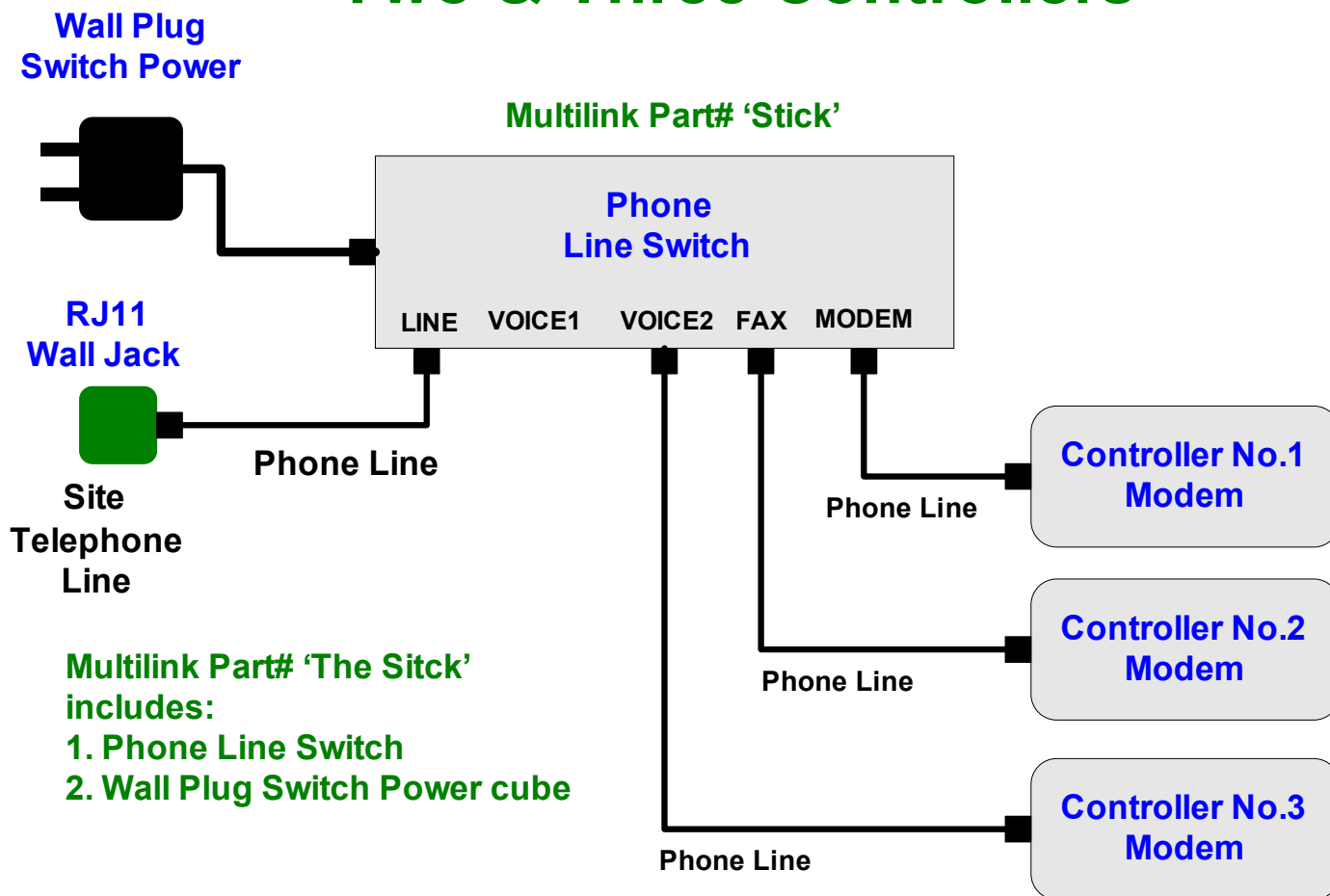
The switches detailed in this application note do not require programming. They can be used out of the box with access codes 11 for modem No.1, 22 for modem No.2 & 33 for modem No.3 etc...

'The Stick' used for 2 & 3 controller sites & the 'ACP 5' used for 4 & 5 controller sites may be purchased from Multi-Link @ www.multi-link.net. 800.535.4651.

2. Cabling

Download the manual for your Multi-Link switch from www.multi-link.net.

Two & Three Controllers

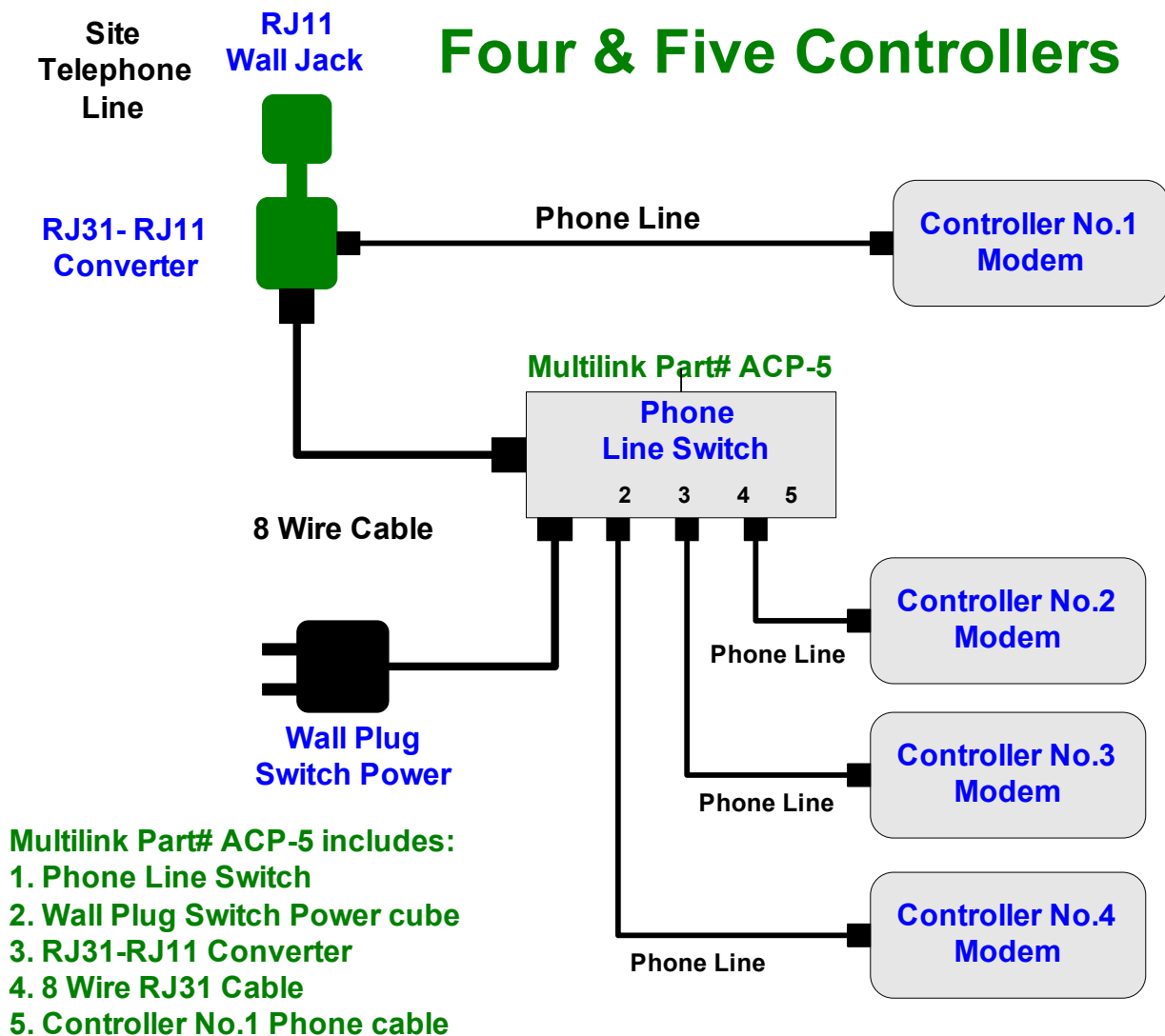


Multilink Part# 'The Stick' & user manuals from www.multi-link.net

2. Cabling continued

Download the manual for your Multi-Link switch from www.multi-link.net.

The RJ31-RJ11 Converter allows the switch to route the phone call to **Controller No.1 Modem** if no other modem answers. Access Code '11' also connects to **Controller No.1 Modem**.



Multilink Part# ACP-5 & user manuals from www.multi-link.net

3. Testing

Before leaving the site, verify that each controller modem answers and connects.

1. Dial the phone number using a site phone or a cell phone.
2. After the first ring, you'll hear a drop in the ring tone volume indicating that the phone switch has answered the phone.
3. Key 11 to connect to [Controller No.1 Modem](#) you'll hear modem-fax tones as the modem tries to connect. Hang-up.
4. Wait for the [Controller No.1 Modem](#) to disconnect.
5. Repeat the process using 22 to connect to [Controller No.2 Modem](#). Verify that each controller modem answers when you key its access code.

If you require the controller to dial out on alarm.

Verify that the site phone line will allow an outside & possibly long distance call.

Browser connected [MultiFlex](#) users can select [Communications / Diagnostics](#) to test dial a monitoring PC. You can also test dial your cell phone although you won't be able to see the uploaded alarm file.

'[AS](#)' & '[Flex](#)' controllers may be tested by forcing an alarm on a controller configured for dial-out on alarm.

4. Trackster

[Trackster3](#)

Modify the phone number, adding [,,,,,11](#) or [,,,,,22](#) to the controller modem phone number. Each comma delays 2 seconds between dialing the phone number and sending the access code. Usually 10 seconds allows for dialing and the first ring. Add more commas for a longer delay.

[Trackster2](#)

Modify the phone number, adding [.....11](#) or [.....22](#) to the controller modem phone number. Each period delays 2 seconds between dialing the phone number and sending the access code. Usually 10 seconds allows for dialing and the first ring. Add more periods for a longer delay.