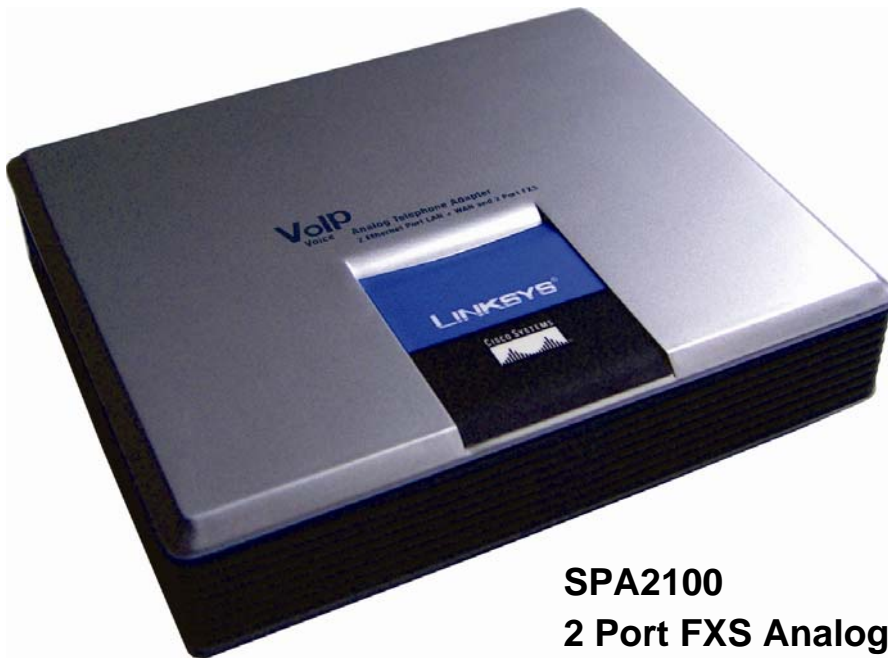


FeaturePlus Setup Guide



SPA2100
2 Port FXS Analog Telephone Adapter
2 Ethernet ports – (1LAN + 1WAN)



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1 Introduction

This document describes how to get your FeaturePlus service up and running

1.1 Additional equipment required

- ✦ Operational Ethernet LAN with (ADSL) router providing Internet connectivity
- ✦ Standard UK telephone handsets

2 Initial configuration

The SPA2100 arrives already preconfigured and ready to go – no configuration of the SPA2100 is necessary.

3 What's in the box?

In the box you will find:

- ✦ The SPA2100
- ✦ UK power adaptor
- ✦ 2 BT Telephone socket converters
- ✦ Ethernet cable
- ✦ Your FeaturePlus Configuration Document
 - N.B. this document details the new Telephone Numbers you have been allocated. Your default voicemail box PIN Numbers and your User ID and Password for the FeaturePlus website which can be found at www.featureplus.com
 - This is an important document please keep it for your records

4 Your Router

Your ADSL router should be set up to perform NAT (Network Address Translation) and act as a DHCP Server. These 2 features are normally enabled by default on most ADSL Routers. Plugging the Ethernet cable from your router into the port marked INTERNET on the SPA2100 will cause, when powered up, an IP address to be allocated to the SPA2100. The SPA2100 will then find the FeaturePlus service across the Internet.

N.B. Please ensure the following ports are not blocked by the firewall within your router:

- ≈ UDP Ports 5061 and 5062 ≈ Sys Log Port 514
- ≈ UDP Ports 16384 to 16482 ≈ NTP Port 123
- ≈ SSL Port 443

It does not matter if the ADSL Broadband Service has a static or dynamic IP address - the FeaturePlus Service can accommodate dynamic IP Addresses.

5 Connecting it up

5.1 Connecting the SPA2100

Firstly remove the Ethernet cable that runs from your PC to your router. Run the Ethernet cable provided from the INTERNET port of the SPA2100 and connect it to your router where your PC was plugged in. Now connect the Ethernet cable that ran from your PC in to the ETHERNET port of the SPA2100. Connect the power brick and cable (plug) and SPA2100 will now power up.

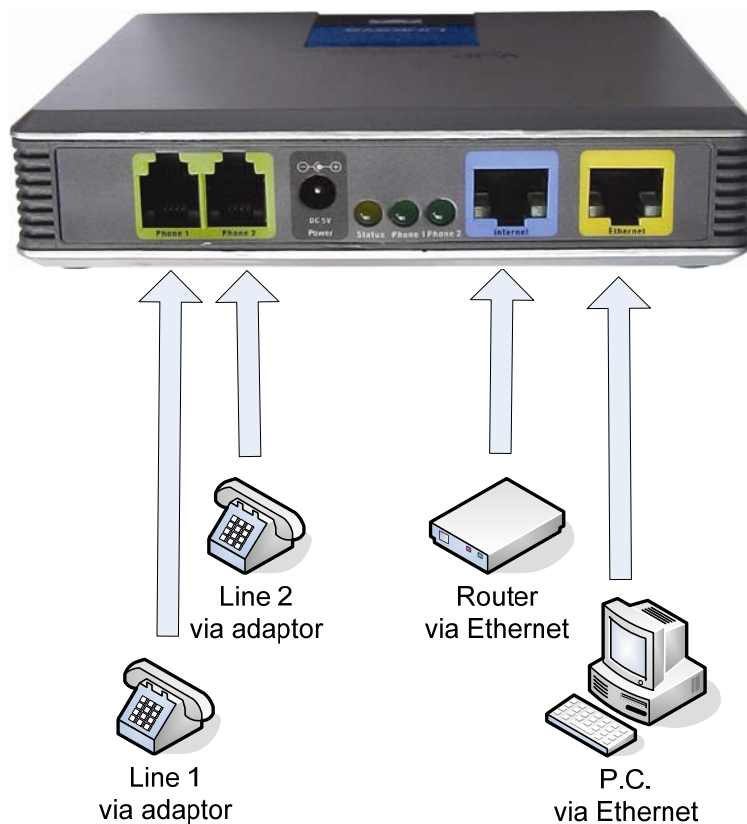


Figure 1 – Connections in to your SPA2100

The SPA2100 should sit between your ADSL Router and your PC like so:

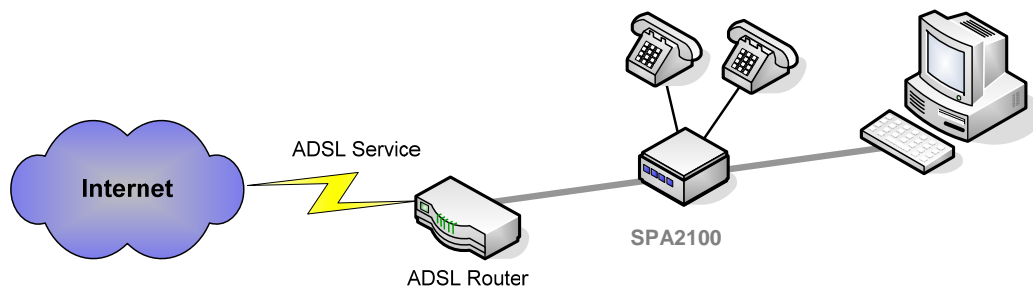


Figure 2 – The SPA2100 and your PC

If you have a network of PCs they should be connected as below:

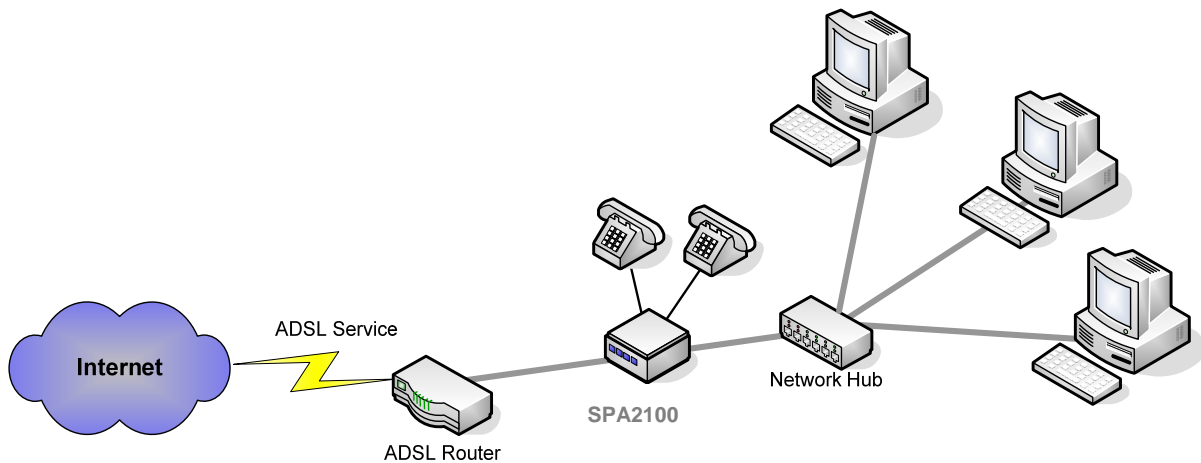


Figure 3 – The SPA2100 and your Local Area Network

If all is well the 3 LEDs on the back of the SPA2100 should now show solid yellow, green and green, (If there are two subscriptions) and yellow and green if there is one subscription on the SPA2100.

5.2 Connecting your Telephones

Connect your telephones via the BT Socket Adaptors supplied, ensuring that they are plugged in to the port associated with the telephone number to be used with that Telephone. You can check this information in your FeaturePlus Account (www.featureplus.com), under Account Info > Phones Summary.

You should now be able to hear dial tone and be able to make and receive calls from your handset. If this is not the case try powering down both your ADSL router and SPA2100. After waiting one minute, power-up your ADSL router. When it has synchronised and you have internet connectivity, then power up the SPA2100 and try again.

5.3 Getting the best performance from the service

Your PC, or PC network, should be attached to the Ethernet port on the SPA2100.

This is important to get the best performance from your FeaturePlus Service, as the SPA2100 can prioritise your Voice data traffic over and above the data from your PC, eliminating any potential speech break-ups.

The SPA2100 acts as a Network Bridge and your router will still operate as the DHCP Server for your network, offering addresses typically in the 192.168.0.X range.

If you need to have a static private IP address allocated to a PC within your network it is recommended that you set your PC to a high numbered address within this range e.g. 192.168.0.200 and above. This will avoid clashes with any addresses allocated automatically by the Router.

If you need to establish the IP address allocated to the SPA2100 by your router then simply pick up a handset connected to the SPA2100 and dial **** 110#.

Once the service is up and running, log onto the FeaturePlus Website at www.featureplus.com with your User ID and Password and you can then begin to use the enhanced call handling features that FeaturePlus provides.

6 Useful Telephone Key Numbers

8400	Voice mail for your phone
8500	Voice mail for any phone (requires PIN number)
08450340499	Voice mail access from a land line or mobile phone
08450340496	Forward on Network Failure - Turn off from a another phone
08450340497	Forward on Network Failure - Turn on from a another phone
08450340498	Forward on Network Failure - Check status from a another phone
1426	Divert on no answer to phone - Turn off feature
1427	Divert on no answer to phone- Turn on feature
1443	Divert on no answer to phone - Check status of feature
1428	Divert on busy to phone - Turn off feature
1429	Divert on busy to phone - Turn on feature
1444	Divert on busy to phone - Check status of feature
1449	Block anonymous calls - Turn off feature
1450	Block anonymous calls - Turn on feature
1445	Block anonymous calls - Check status of feature
*56	Call Waiting - Turn on feature
*57	Call Waiting - Turn off feature
1408	Send Voice mail alerts to e-mail - Turn off feature
1409	Send Voice mail alerts to e-mail - Turn on feature
1434	Send Voice mail alerts to e-mail - Check status of feature
1410	Send Voice mail alerts to SMS - Turn off feature
1411	Send Voice mail alerts to SMS - Turn on feature
1435	Send Voice mail alerts to SMS - Check status of feature
1471	Last Caller
1418	Call return for 1471 - Turn off feature
1419	Call return for 1471 - Turn on feature
1400	Forward all Calls to Voicemail - Turn off feature
1401	Forward all Calls to Voicemail - Turn on feature
1430	Forward all Calls to Voicemail - Check status of feature

- 1402 Forward on no answer to Voicemail - Turn off feature
- 1403 Forward on no answer to Voicemail - Turn on feature
- 1431 Forward on no answer to Voicemail - Check status of feature
- 1404 Forward on busy to Voicemail - Turn off feature
- 1405 Forward on busy to Voicemail - Turn on feature
- 1432 Forward on busy to Voicemail - Check status of feature
- 1424 Forward on Network Failure - Turn off feature
- 1425 Forward on Network Failure - Turn on feature
- 1442 Forward on Network Failure - Check status of feature

- 1420 Forward calls in sequence - Turn off feature
- 1421 Forward calls in sequence - Turn on feature
- 1440 Forward calls in sequence - Check status of feature
- 1422 Forward calls simultaneously - Turn off feature
- 1423 Forward calls simultaneously - Turn on feature
- 1441 Forward calls simultaneously - Check status of feature

- 1406 Caller ID blocking - Turn off feature (don't withhold your number)
- 1407 Caller ID blocking - Turn on feature (withhold your number)
- 1433 Caller ID blocking - Check status of feature
- 1451 Phone Status - Diagnostic information about your phone