IBM 2212 Access Utility Release Notes

Certification/Homologation Release Notes

2-Port Analog FXO Voice/Fax CPCI Adapter

In the European Union, the 2-Port Analog FXO Voice/Fax CPCI adapter is NOT to be connected to the public network. The 2-Port Analog FXO Voice/Fax CPCI adapter is to be connected only to a local PBX or private network.

Fore the United States and Canada the FXO voice adapter can be used for off-premise attachments where the adapter could be subject to overvoltages.

Any modification/update made to any registered component within your equipment will require a FCC Part 68 compliance evaluation. You may need to test and make a modification filing to the FCC before that modified component can be used.

If at any time the ownership of this equipment device is transferred to someone else (whether independently or as part of a system), supply this text to the new owner.

Under no circumstances shall the signal level be adjusted to levels higher than -9 dbm.

2-Port Analog FXS Voice/Fax CPCI Adapter

The FXS port must not be connected to external (outside of the building) telephone lines. The 2-Port Analog FXS Voice/Fax CPCI Adapter is designed only for connection to on-premise equipment. It is not intended for off-premise use where the adapter could be subject to overvoltages.

The FXS voice adapter is not intended to receive ringing signals.

Ringing voltage signal complies with paragraph 8.1.12 of UL1459 and Annex M of UL1950.

2-Port Analog E&M Voice/Fax CPCI Adapter

The E&M port must not be connected to external (outside of the building) telephone lines. The 2-Port Analog E&M Voice/Fax CPCI Adapter is designed only for connection to on-premise equipment. It is not intended for off-premise use where the low voltage circuit could be subject to overvoltages.

The E&M voice adapter does not generate ringing signals and is not intended to receive ringing signals.

4-Port Analog 56K Modem CPCI Adapter

New Zealand:

The grant of a Telepermit for any item of terminal equipment indicates only that Telecom has accepted that the item complies with minimum conditions for connection to its network. It indicates no endorsement of the product by Telecom, nor does it provide any sort of warranty. Above all, it provides no assurance that any item will work correctly in all respects with another item of Telepermitted equipment of a different make or model, nor does it imply that any product is compatible with all of Telecom's network services.

This equipment is not capable, under all operating conditions, of correct operation at the higher speeds for which it is designed. Telecom will accept no responsibility should difficulties arise in such circumstances.

Pulse (Decadic) dialling should not be use.

Some parameters required for compliance with Telecom's Telepermit requirements are dependent on the equipment (PC) associated with this device. The associated equipment shall be set to operate within the following limits for compliance with Telecom's Specifications:

1. There shall be no more than 10 call attempts to the same number within any 30 minute period for any single manual call initiation, and
2. The equipment shall go on-hook for a period of not less than 30 seconds between the end of one attempt and the beginning of the next attempt.
3. Automatic calls to different numbers are to be spaced such that there is on less than 5 seconds between the end of one call attempt and the beginning of another.
4. The equipment shall be set to ensure that calls are answered between 3 and 30 seconds of receipt of ringing.

This equipment should not be used under any circumstances which may constitute a nuisance to other Telecom customers.

Europe:

The equipment has been approved in accordance with Council Decision 98/482/EC for pan-European single terminal connection to the Public Switched Telephone Network (PSTN). However, due to differences between the individual PSTNs provided in different countries, the approval does not, of itself, give an unconditional assurance of successful operation on every PSTN network termination point.

In the event of problems, you should contact your equipment supplier in the first instance.

Furthermore, this equipment is designed to work with the following European Union networks:

Austria
Belgium
Denmark
Finland
France

Germany
Greece
Iceland
Ireland
Italy
Luxemburg
Netherlands
Norway
Portugal
Spain
Sweden
Switzerland
UK

2-Port Analog Voice/Fax CPCI Adapter Release Notes

You need the cables for the 2-port analog voice/fax CPCI adapter when you begin installation. The following tables provide RJ-45 connector cable pin assignments for the 2-port analog E&M (FC 3212, PN 02L2400), FXO (FC 3211, PN 02L2398), and FXS (FC 3210, PN 85H8828) voice/fax CPCI adapters.

For E&M attachment, the cable termination at the 2212 is an 8 pin modular plug; the termination at the network end is also an 8 pin modular plug.

Table 1. RJ-45 Connector Pin Assignments, 2-Port Analog E&M Voice/Fax CPCI Adapter

Signal	**Pin Number**
Signal Battery (SB)	1
Ear (E)	2
Tip 1 (part of the receive signal path when running 4 wire)	3
Ring (part of the transmit signal path when running 4 wire or the transmit/receive path for 2 wire)	4
Tip (part of the transmit signal path when running 4 wire, or the transmit/receive path for 2 wire)	5
Ring 1 (part of the receive signal path when running 4 wire)	6
Signal Ground (SG)	7
Mouth	8

For the FXS or FXO attachment, a 4, 6, or 8 pin modular plug may be used for the 2212 end. The connector for the FXS or FXO end is whatever is compatible with the equipment. This may be a 4, 6, or 8 pin modular plug.

Note: For the 2-Port Analog FXO and FXS Voice/Fax CPCI adapters pins 4 and 5 are the only connector pins used.

Table 2. RJ-45 Connector Pin Assignments, 2-Port Analog FXO and FXS Voice/Fax CPCI Adapter

Signal	**Pin Number**
Ring (R) - transmit/receive signal	4
Tip (T) - transmit/receive signal	5