

Protel Charge-A-Port Technical User's Guide

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1. Plug lap top into data port, located underneath the keypad on an Ascension, or on the side of a Sentinel with data jack kit.
2. The handset stays on hook during call set up. The handset is only lifted to use a credit card as payment when the activation fee is requested and is then placed back on hook. If the user comes off hook **before** the laptop initiates the data port call, the phone will assume it is a call through the handset and ignore the data port call. If the user forgets to hang up after credit card insertion or comes off hook during the data port call, the phone will ignore the off hook condition and it will not affect the data port call.
3. Initiate call from the laptop. The phone should prompt the user for the data port activation fee. If the data port is on a full-featured Ascension, the VFD display will prompt the user for instructions. If the phone is equipped with a card reader, the phone should prompt for the activation fee or insert card. If the data port is on a standard Ascension or Sentinel, the user must follow instructions in the handset **after** the call has been initiated from the laptop. A detailed instruction card is required to assist users of a Charge-A-Port on a standard Ascension or Sentinel housing. The data port activation fee is custom programmable in the software management system. See software programming instructions on programming the activation fee. If the activation fee is met, the phone will follow the routing instructions for Band 105 and the call will be processed. A full featured Ascension phone will display DATA PORT IS ACTIVE when indicating a successful connection.
4. For long distance (1+10, 10 or 7 digit toll) data port calls, the user must insert a credit card as the payment method. There is no provision for charging for an overtime period on data port calls, therefore coins can not be accepted for toll calls. If there is no card reader on the phone, toll calls will not be allowed. Local, toll paid for by credit card, and toll free data port calls will be allowed for an unlimited time, provided the activation fee is met.
5. When a customer places a Charge-A-Port call and uses a credit card as payment, the phone must route the call to an alternate carrier for call processing. The carrier ILD Telecommunications has been tested and is compatible with routing Charge-A-Port calls using a credit card. See your software management system documentation on programming for Charge-A-Port credit card acceptance. Contact Protel technical support for assistance.
6. Upon completion of a data port call, the full-featured Ascension will display CALL TERMINATED and the data port will be disconnected from the line.

Below are the interface requirements for the Charge-A-Port:

1. B1 or POTS line operation only. Coin line operation not supported.
2. Modem protocol up to V.90 supported.
3. No incoming calls answered through the smart data port.
4. Isolation of data port from phone line when not in use, a data port short will not take phone out of service.
5. Toll restriction, fraud resistance, no secondary dial tone/ chain dialing allowed through the smart data port.
6. Recommended minimum loop current for payphone with a Charge-A-Port option: 23 mA
7. Power requirements for full-feature Ascension with VFD display: 24 VDC, 250 mA. A transformer is included with each full-featured Ascension phone kit. Maximum power cable lengths: 350' - 26awg,