

## MA 1200-G-PCS-AO Operational Description

1200- G-PCS-AO

1200- G-PCS-AO-LT (for 2000 lite configuration)

1200- G-PCS-AO-CB (for 2000 cabinet configuration)

The MobileAccess 1200 Add-on module is a high power module, supporting a single frequency band (low or high). It is designed to be integrated with a host *RHU 1000 or 2000* module. The host module provides the following functionality for both units:

- Optical interface (to the BU) and conversion
- RF interface (to antennas) and conversion
- Control signals

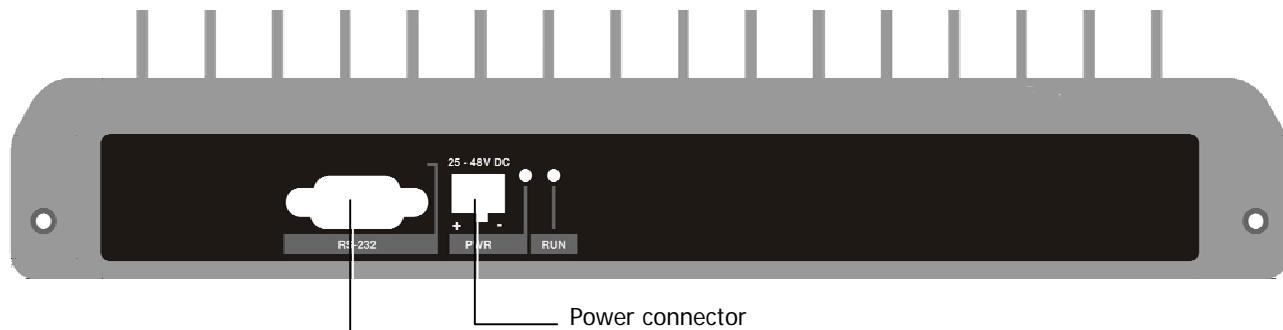
---

**NOTE:** The units are integrated through simple external cable connections between corresponding ports.

---

## MA 1200 Front Panel

The RHU 1200 front panel contains the power connection and status LEDs. (The RS-232 connector is reserved for MA service personnel).

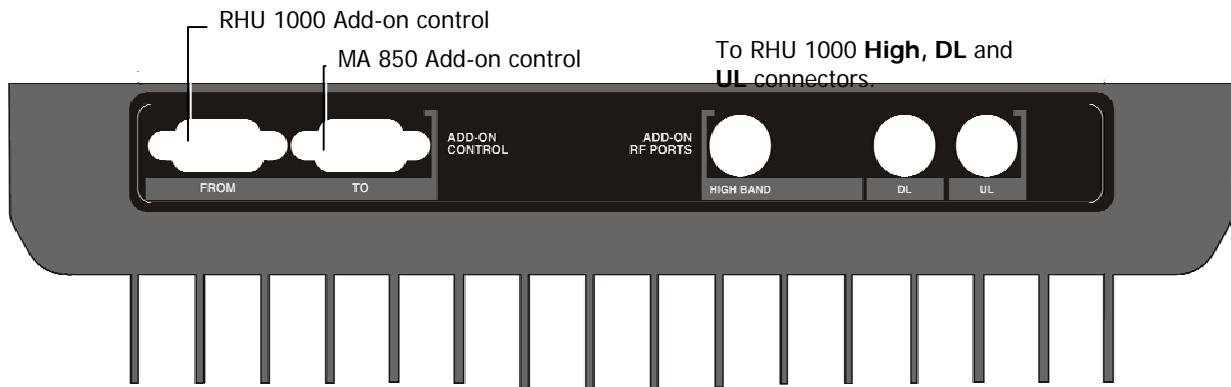


**Figure 1. RHU 1200 Front panels** \_\_\_\_\_ MA service connector  
**Table -1. MobileAccess 1200 Front Panel Indicators**

LED	Description
RUN	When blinking, indicates that the RHU is in normal operating mode.
PWR	Power ON

## MA 1200 Rear Panel

The RHU 1200 rear panel contains the connections to the RHU 1000 and MA 850/860.



**Figure 2. RHU 1200 Rear Panel**

**Table -2. RHU 1200 Rear Panel Connectors**

Add-on Control	Transmits the control signals between the MA 1200 module and the MA 850 and RHU 1000 modules. From – receives control signals from the RHU 1000. Connected to the RHU 1000 Add-on Control connector. To – for configurations that include MA 850. Transmits control signals to MA 850. Connected to the MA 850 Add-on Control connector.
DL, UL	Transmit the RF signals to- and from- the MA 1200 add-on module. These ports are connected to the corresponding ports on the MA 1000 rear panel: DL to DL, UL to UL.
High	RF service output port connected to the RHU 1000 rear-panel High port.