S-Access

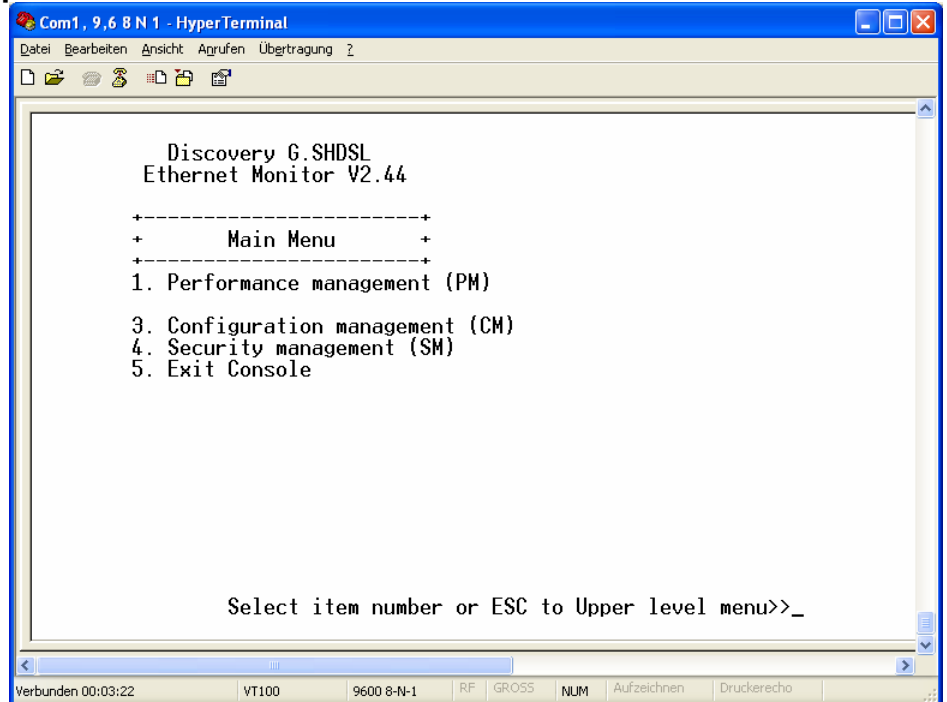# Quick Install Guide 4-Wire Bridge Modem 1+1 Mode with Firmware 2.44

Use Hyper Terminal or equal: 9600/8/N/1

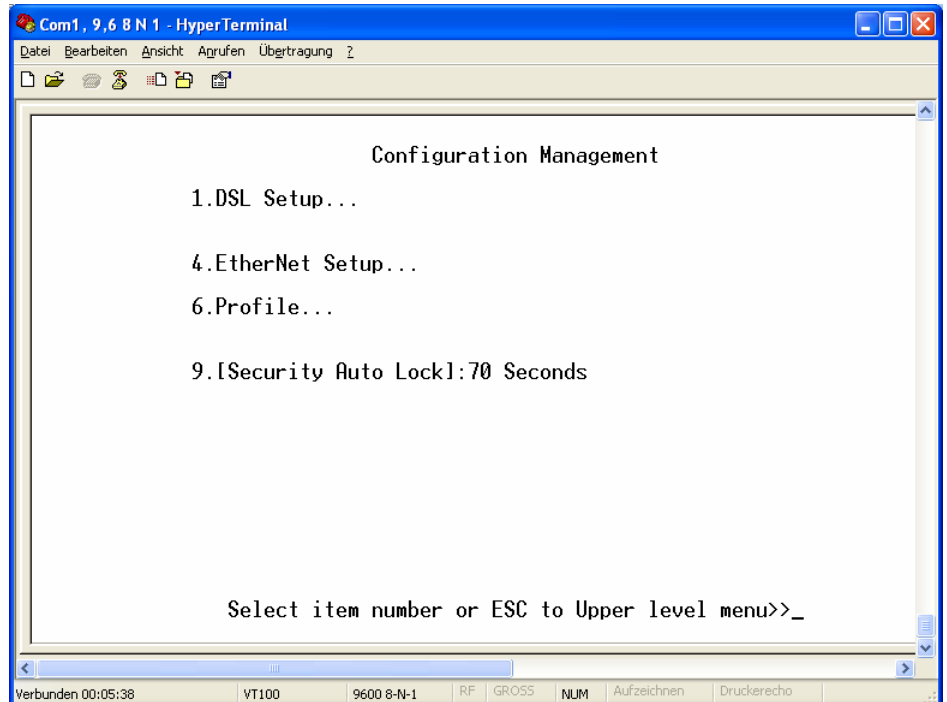Press **3** and *ENTER*


```
Discovery G.SHDSL
Ethernet Monitor V2.44

+-----------------------+
+        Main Menu       +
+-----------------------+
1. Performance management (PM)

3. Configuration management (CM)
4. Security management (SM)
5. Exit Console




Select item number or ESC to Upper level menu>>_
```

Press **1** and *ENTER*


```
                        Configuration Management

          1.DSL Setup...


          4.EtherNet Setup...

          6.Profile...


          9.[Security Auto Lock]:70 Seconds




                Select item number or ESC to Upper level menu>>_
```

S-Access

For supporting *1+1 mode* (4-Wire Rate adaptive) it is necessary to have cross-DSL-cable (**channel 1** of modem1 must be connected to **channel 2** of modem 2 and vice versa). The configuration of DSL must be as below:

Press **1** and *ENTER*, *SPACE BAR* to change to SLAVE. Hit *ENTER* for final select.

\# 1 has to be **SLAVE**
\# 9 has to be **MASTER**

\# 19 has to be **1+1**

```
Com1, 9,6 8 N 1 - HyperTerminal
Datei  Bearbeiten  Ansicht  Anrufen  Übertragung  ?

                    Configuration Management->DSL Setup

            1.[Loop 1 Operation Mode]:Slave
            2.[Loop 1 Auto/Fixed]:Auto

            4.[Loop 1 Min. Connection Speed]:72K(1N)
            5.[Loop 1 Max. Connection Speed]:2312K(36N)
            6.[Loop 1 Annex]:B
            7.[Loop 1 Tx Level Adjustment]:0 dB

            9.[Loop 2 Operation Mode]:Master
            10.[Loop 2 Auto/Fixed]:Auto

            12.[Loop 2 Min. Connection Speed]:72K(1N)
            13.[Loop 2 Max. Connection Speed]:2312K(36N)
            14.[Loop 2 Annex]:B
            15.[Loop 2 Tx Level Adjustment]:0 dB
            16.[Loop 2 Power BackOff Enable]:Yes


            19.[2W/4W]:1+1
               Select item number or ESC to Upper level menu>>_

Verbunden 01:19:36    VT100    9600 8-N-1    RF  GROSS    NUM    Aufzeichnen    Druckerecho
```

Press *ESC* to go upper level menu, press **6** (Profile) and *ENTER*

```
Com1, 9,6 8 N 1 - HyperTerminal
Datei  Bearbeiten  Ansicht  Anrufen  Übertragung  ?

                         Configuration Management

            1.DSL Setup...

            4.EtherNet Setup...

            6.Profile...

            9.[Security Auto Lock]:70 Seconds




               Select item number or ESC to Upper level menu>>_

Verbunden 01:24:31    VT100    9600 8-N-1    RF  GROSS    NUM    Aufzeichnen    Druckerecho
```
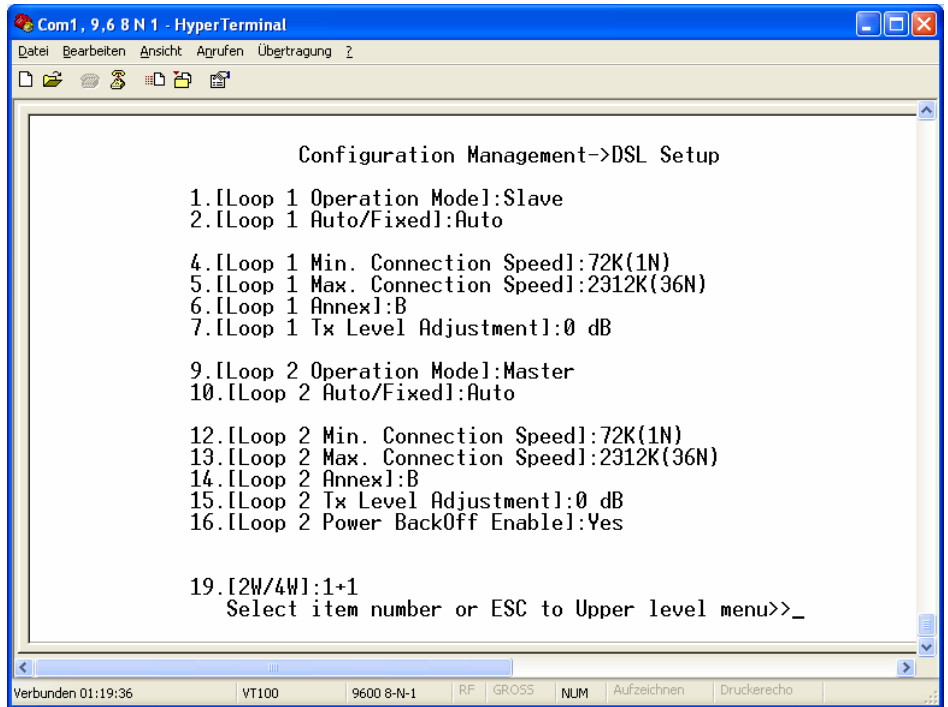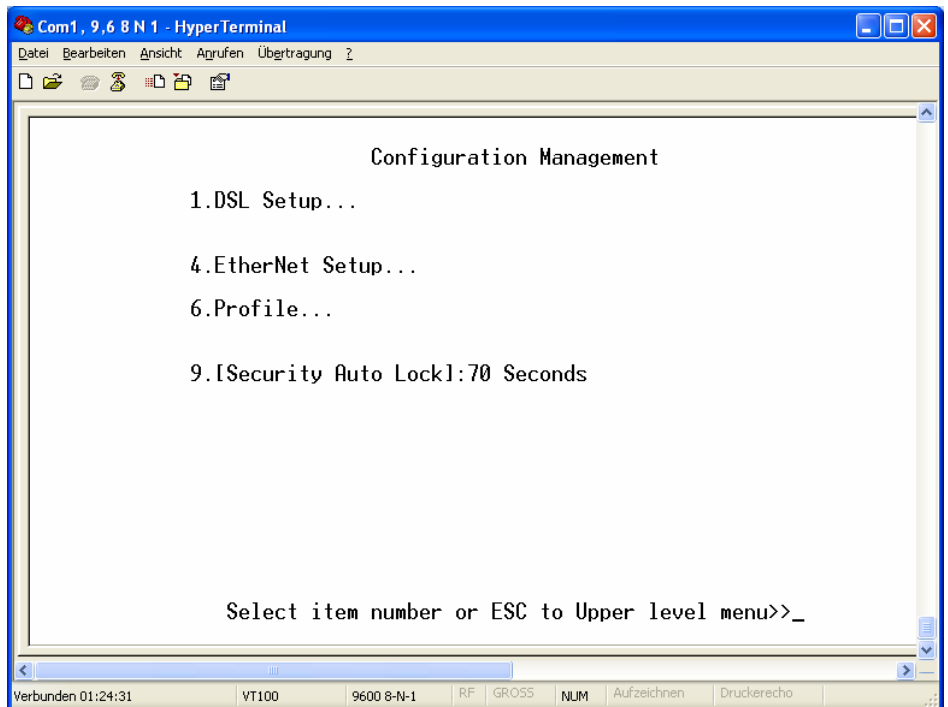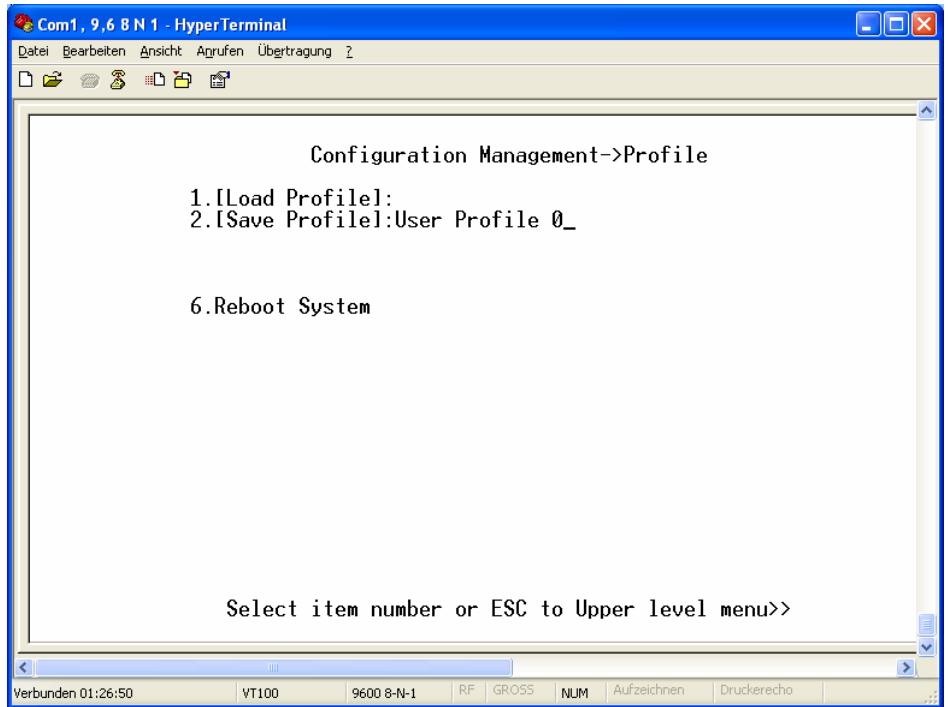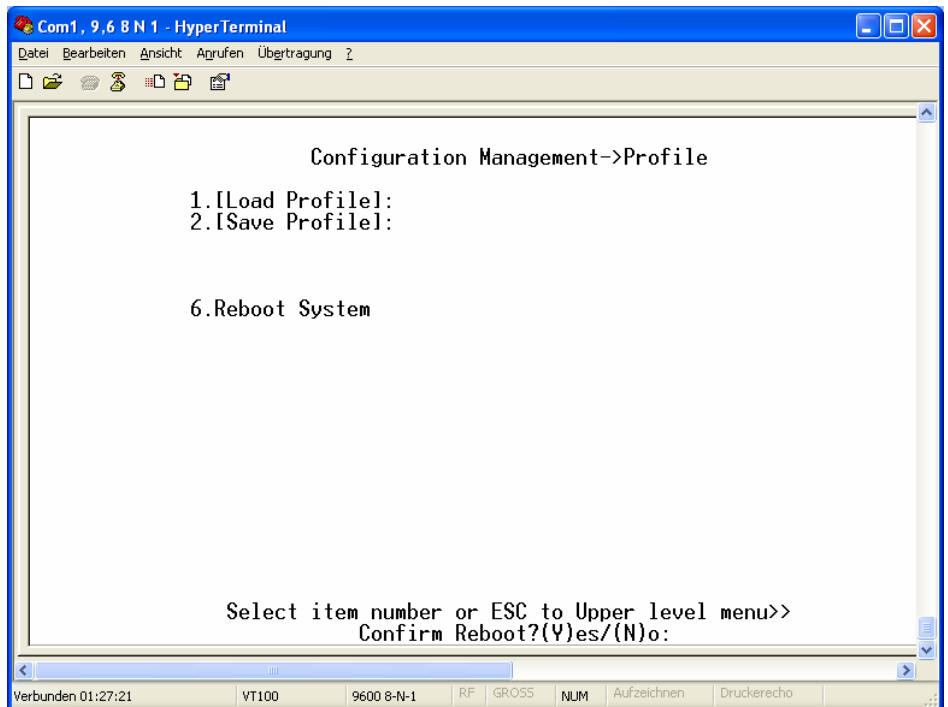
Choose **2** (Save Profile).

S-Access

Choose between (**SPACE BAR** to change) User Profile 0 – User Profile 3 Hit **ENTER** for saving.

User Profile 0 will be loaded at start up.

```
Com1 , 9,6 8 N 1 - HyperTerminal
Datei  Bearbeiten  Ansicht  Anrufen  Übertragung  ?


                  Configuration Management->Profile

              1.[Load Profile]:
              2.[Save Profile]:User Profile 0_



              6.Reboot System







                  Select item number or ESC to Upper level menu>>


Verbunden 01:26:50        VT100        9600 8-N-1    RF  GROSS  NUM  Aufzeichnen  Druckerecho
```

Press **6 ENTER** for REBOOT SYSTEM

Confirm Reboot with key: **Y**

```
Com1 , 9,6 8 N 1 - HyperTerminal
Datei  Bearbeiten  Ansicht  Anrufen  Übertragung  ?


                  Configuration Management->Profile

              1.[Load Profile]:
              2.[Save Profile]:



              6.Reboot System







                  Select item number or ESC to Upper level menu>>
                       Confirm Reboot?(Y)es/(N)o:

Verbunden 01:27:21        VT100        9600 8-N-1    RF  GROSS  NUM  Aufzeichnen  Druckerecho
```

S-Access

Connector's description

DSL Connector for SAN units (Stand Alone).

Type: RJ-45, 8 pin

| 1 · · 8 | RJ-45
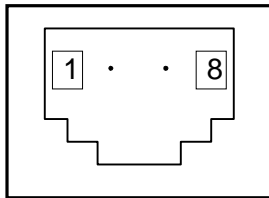
Number	Signal	Assignment
1,2	NC	-
3	LB,a	tip (4W model only)
4	LA,a	tip
5	LA,b	ring
6	LB,b	ring (4W model only)
7,8	NC	-

For supporting **1+1 mode** (4-Wire Rate adaptive) it is necessary to have cross-DSL-cable:

Stand Alone   **<==>**   **Stand Alone**

Number	Signal	Assignment		Assignment	Signal	Number
1,2	NC	-		-	NC	1,2
3	LB,a	tip		tip	LA,a	4
4	LA,a	tip		tip	LB,a	3
5	LA,b	ring		ring	LB,b	6
6	LB,b	ring		ring	LA,b	5
7,8	NC	-		-	NC	7,8

S-Access
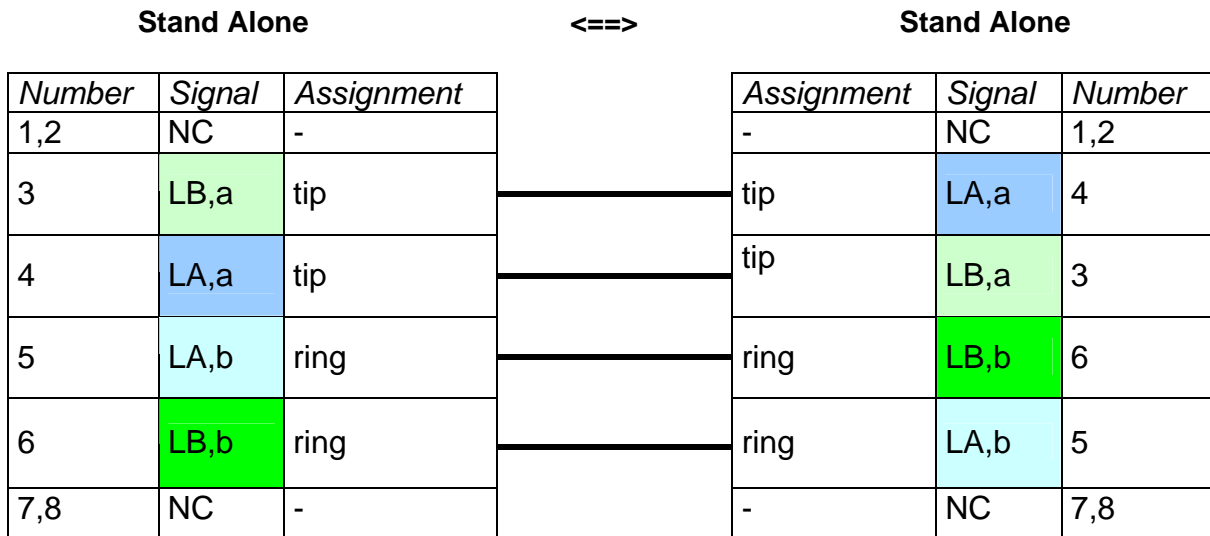
DSL Connector for SRL units (Rack Cards).

Type: RJ-45, 8 pin

```
1  ·  · 8
```
RJ-45
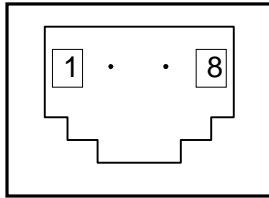
Number	Signal	Assignment
1	LB,a	tip (4W model only)-
2	LB,b	ring (4W model only)
3	NC	-
4	LA,a	tip
5	LA,b	ring
6,7,8	NC	-

For supporting **1+1 mode** (4-Wire Rate adaptive) it is necessary to have cross-DSL-cable:

Rack Card   **<==>**   **Rack Card**

Number	Signal	Assignment	Assignment	Signal	Number
1	LB,a	tip	tip	LA,a	4
2	LB,b	ring	ring	LA,b	5
3	NC	-	-	NC	3
4	LA,a	tip	tip	LB,a	1
5	LA,b	ring	ring	LB,b	2
6,7,8	NC	-	-	NC	6,7,8

Rack Card   **<==>**   **Stand Alone**

Number	Signal	Assignment	Assignment	Signal	Number
1	LB,a	tip	tip	LA,a	4
2	LB,b	ring	ring	LA,b	5
3	NC	-	-	NC	1,2
4	LA,a	tip	tip	LB,a	3
5	LA,b	ring	ring	LB,b	6
6,7,8	NC	-	-	NC	7,8

S-Access

Monitor Connector

Type: Sub-D9, female

DB9

female
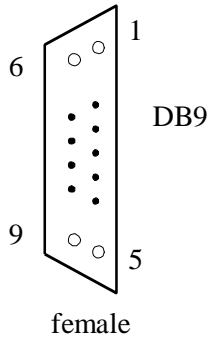
Number	Signal	Assignment
1	NC	-
2	TXD	Transmit data
3	RXD	Receive data
4	DTR	Data terminal ready
5	SGND	Signal ground
6	NC	-
7	NC	-
8	NC	-
9	NC	-

Hub Connector

Type: RJ-45

RJ – 45
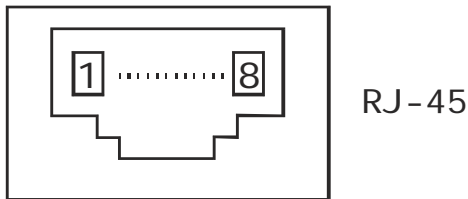
Number	HUB assignment
1	Rx+
2	Rx-
3	Tx+
4	NC
5	NC
6	Tx-
7	NC
8	NC

Line1 and Line2 Connector (only FXO/FXS models)

Type: RJ-11, 4 pin

RJ-11
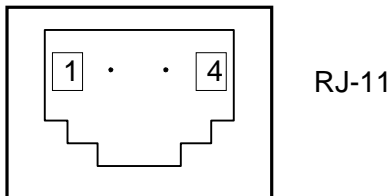
Number	Signal	Assignment
1	NC	-
2	LA,a	tip
3	LA,b	ring
4	NC	-