

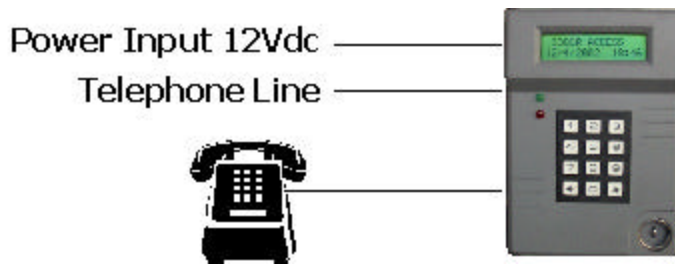
Mini-CallShop Installation and Administration Manual

Overview:

The Mini-CallShop system is a very powerful solution that is designed and developed to provide least-cost routing capability for telephone call shop service operator. Besides, the Mini-CallShop system is also equipped with STD and IDD call rate tables that are able to provide instant call charge billing. Furthermore the flexibility to modify rate tables makes the Mini-CallShop system an easy, fully in-control, and manageable system to its owner.

The Mini-CallShop is built with embedded micro-controller to provide extreme reliability yet easy-to-use user interface. Coupled with the sophisticated iKey technology, Mini-CallShop offers the highest authentication security that protects the Mini-CallShop from unauthorized usage.

The Mini-CallShop system is a single-box solution that consists of the controller, CO line driver, gateway routing, call rate table, and etc.



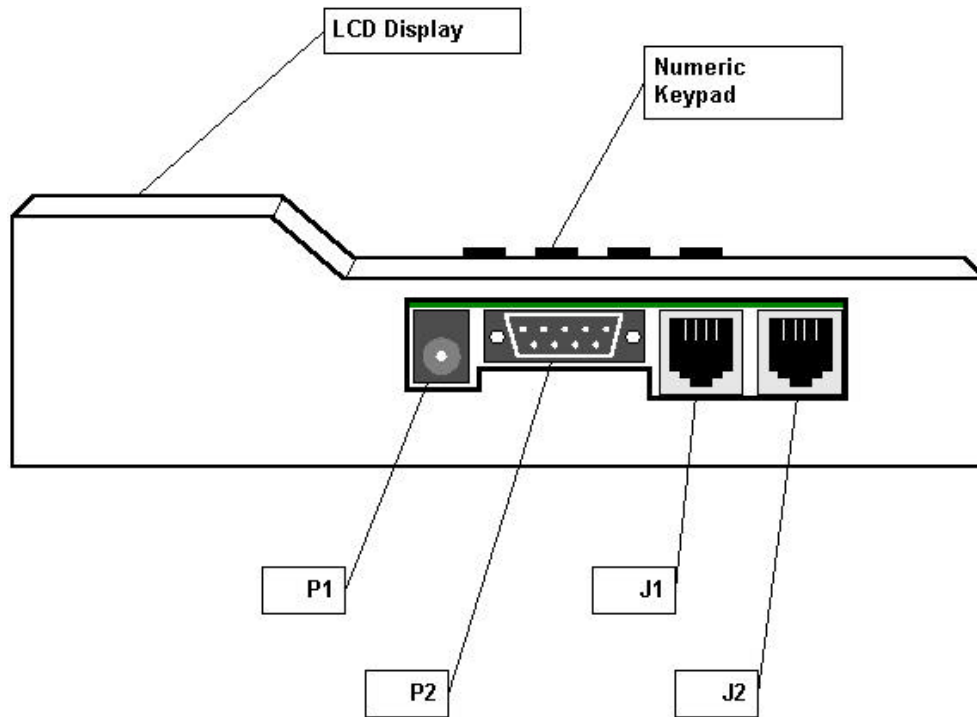
Installation of a standard Mini-Callshop system is simple whereby only 3 cables are required, as shown above. Optionally, the Mini-CallShop system is able to support connection to serial port printer for receipt printing.

Follow the procedures in the installation section carefully to achieve ultimate performance of this system.

Installations:

This section describes the installation procedures of Mini-CallShop system.

The diagram below shows the physical connections on the Mini-CallShop system. These connections are all located on the right side of Mini-CallShop system. For reliability of Mini-CallShop operation, it is strongly recommended to wall-mount the system.



Installation procedures:

1. Mount the Mini-CallShop on the wall.
2. Connect telephone set to J1.
3. Connect Telekom CO line to J2.
4. Connect serial port printer to P2 (Optional).
5. Ensure that the power adapter is OFF; connect its output jack to P1.
6. Check and ensure that all connections are securely connected.
7. Switch ON the power adapter.
8. The Mini-CallShop system should now be running with the LCD displaying the correct Mini-CallShop firmware version, date, and time.
9. Proceed to the following pages for setup and configurations.

Setup and Configurations:

This section will describe the setup and configuration procedures during the installation of Mini-CallShop system. Follow the relevant procedures in the following tables to configure the Mini-CallShop system.

Function: **Set Time**

Description: This function is used to set the time of Mini-CallShop system.

Step	Action	LCD Display
1	Make sure Mini-CallShop is power up and running normally.	MiniCS 1.8 17:21:20
2	Touch the owner iKey to the iKey reader	3.CLR 4.TIME 5.IDD 6.STD 7.G
3	Press 4	H
4	Press <u>hour</u> , e.g. 16 for 4pm	H 16
5	Press #	M
6	Press <u>minute</u> , e.g. 20 for 20 th minute	M 20
7	Press #	MiniCS 1.8 16:20:01
8	Set Time completed.	

Function: **Modify IDD Rate**

Description: Although the rate table of the Mini-CallShop is pre-loaded, this function allows the owner to modify the call rate to their required setting. The Mini-CallShop system will show the current IDD rate, for instance "CHINA 0.75", which means calls made to China's number are charged at 75 cents per 30 seconds.

NOTE:

Refer to the supplier of this product for the latest rate table of this Mini-CallShop unit.

Step	Action	LCD Display
1	Make sure Mini-CallShop is power up and running normally.	MiniCS 1.8 17:21:20
2	Touch the owner iKey to the iKey reader	3.CLR 4.TIME 5.IDD 6.STD 7.G

3	Press 6, first IDD rate will appear. (Press 1 for next rate, or 2 for previous rate)	CHINA 0.75
4	To modify, press 3.	RM
5	Key in the RM value of the new rate, e.g. 1 for RM 1.	RM 1
6	Press #	CENT
7	Key in the cents of the new rate, e.g. 50 for 50 cents per 30 seconds.	CENT 50
6	Press #	CHINA 1.50
7	Press * to exit	MiniCS 1.8 17:21:25
8	Modify IDD rate completed.	

Function: **Modify STD Rate**

Description: Although the rate table of the Mini-CallShop is pre-loaded, this function allows the owner to modify the call rate to their required setting. The Mini-CallShop system will show the current STD rate, for instance "TIMEC 0.35", which means calls made to TimeCel's number (017-xxxxxxx) are charged at 35 cents per 30 seconds.

NOTE:

Refer to the supplier of this product for the latest rate table of this Mini-CallShop unit.

Step	Action	LCD Display
1	Make sure Mini-CallShop is power up and running normally.	MiniCS 1.8 17:21:25
2	Touch the owner iKey to the iKey reader	3.CLR 4.TIME 5.IDD 6.STD 7.G
3	Press 6, first STD rate will appear. (Press 1 for next rate, or 2 for previous rate)	TIMEC 0.35
4	To modify, press 3.	RM
5	Key in the RM value of the new rate, e.g. 1 for RM 1.	RM 1
6	Press #	CENT
7	Key in the cents of the new rate, e.g. 50 for 50 cents per 30 seconds.	CENT 50
8	Press #	TIMEC 1.50

9	Press * to exit	MiniCS 1.8 17:21:32
10	Modify STD rate completed.	

Function: **Set Gateway Number**

Description: This function allows the owner to configure the gateway number of the Mini-CallShop system.

Note:

Refer to the supplier of this product for the latest gateway list and the PIN number of this Mini-CallShop unit.

Step	Action	LCD Display
1	Make sure Mini-CallShop is power up and running normally.	MiniCS 1.8 17:21:25
2	Touch the owner iKey to the iKey reader	3.CLR 4.TIME 5.IDD 6.STD 7.G
3	Press 7	GATE
4	Press the index code of the gateway, e.g. 2 for TELEKOM.	GATE 2
5	Press #	TYPE
6	Press 1 if PIN is required by the gateway, press 0 if ANI is used.	TYPE 0
7	Press #	MiniCS 1.8 17:21:28
8	Set gateway number completed.	

Function: **Reset Accumulated Counter**

Description: This function allows the owner to reset the accumulated counter of the Mini-CallShop system.

Note:

The Mini-CallShop owner is able to view the accumulated counter by pressing digit '0' of the numeric keypad. This is an accumulated revenue reading since the last time it is cleared.

Step	Action	LCD Display
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1	Make sure Mini-CallShop is power up and running normally.	MiniCS 1.8 17:21:25
2	Press 0 to view the current reading.	AMT:099.50
3	Record the reading manually, if necessary.	
4	Touch the owner iKey to the iKey reader	3.CLR 4.TIME 5.IDD 6.STD 7.G
5	Press 3	MiniCS 1.8 17:21:28
6	Press 0 to verify the reading has been set to 0.	AMT:000.00
7	Reset Accumulated Counter completed.	

Operations:

This section will describe the procedures to operate the Mini-CallShop system.

Function: **Set Call Credit**

Description: This function allows the owner to enable the Mini-CallShop system, and set the deposit value paid by the customer before allowing them to make outgoing call/s.

Step	Action	LCD Display
1	Make sure Mini-CallShop is power up and running normally.	MiniCS 1.8 17:21:25
2	Press #	1.CALL 2.END 3.TOPUP
3	Press 1	DEPOSIT:\$
4	Key in call credit, e.g. 2 for RM 2, Then press #	DEPOSIT:\$ 2
5	Add call credit completed.	BAL:2.00 17:21:28
6	Customer can now start to make call/s.	

Function: **End Call**

Description: This function allows the owner to reset the credit balance and disable the Mini-CallShop system for calling out.

Step	Action	LCD Display
1	Make sure Mini-CallShop is power up and running normally.	BAL:2.00 17:21:25
2	Refer to the balance reading on LCD display, return the change to customer	BAL:2.00 17:21:26
3	Press #	1.CALL 2.END 3.TOPUP
4	Press 2	MiniCS 1.8 17:21:28
5	End call completed.	

Function: **Top-up Call Credit**

Description: This function allows the owner to top-up the deposit in the Mini-CallShop system while the customer is still on-line.

Step	Action	LCD Display
1	Take example the current credit is RM 2.	BAL:2.00 17:21:25
2	Press #	1.CALL 2.END 3.TOPUP
3	Press 3	TOPUP:\$
4	Key in the additional call credit, e.g. 1 for RM 1	TOPUP:\$ 1
5	Press #	BAL:3.00 17:21:28
6	Top-up call credit completed.	

Safety Precautions:

It is recommended that service technician must handle the Mini-CallShop system carefully as some components are running at high temperature. Always allow sometime after power-off for these components to cool down before servicing the unit.