

SERIAL COMMUNICATION for Delta VFD drives

CONTENTS:

1	GENERAL	2
11	Hardware	2
1.1	Software	.∠ ?
1.Z 2		.∠ כ
2		ວ
2.1		.ა ი
2.2		.3
2.3		.3
2.4		.3
2.5		.3
3	SOFTWARE	4
3.1	Installation	.4
3.2	Setting up	.4
3.3	VFD-L	.6
3.3.1	Settings VFD-L	6
3.4	VFD-L2	.7
3.4.1	Settings VFD-L2	7
3.5	VFD-S	.8
3.5.1	Settings VFD-S	8
3.0		.9
3.0.1		9
371	VFD-D	10
3.8	VFD-F	10
3.8.1	Settings VFD-F	11
3.9	VFD-V	2
3.9.1	Settings VFD-V	12
4	OPERATION1	3
4.1	Basic operation	3
4.2	Continuous monitoring	3
4.3	Command sequence	4
4.3.1	The command to send	14
4.3.2	Replied message	14
4.3.3	Note	14
4.3.4	Repeat times	15 15
4.3.5	Operation	15
4 4	Scope function	5
4.5	Parameter manager	15
4.5.1	Write parameters to the drive	17
4.5.2	Load (read) parameters from the drive	18
4.5.3	Save parameter file	18
4.5.4	Print parameter file.	18
4.3.3	Open existing parameter me	19

1 GENERAL

1.1 Hardware

Because the PC has RS232 and the drive needs RS485, you need a RS232-RS485 converter. Delta offers the IFD8500 for this purpose.

1.2 Software CVFD

To communicate with the drive you can use the Delta communication software, which you can download from <u>http://www.delta.com.tw/product/em/ac_motor/ac_motor_main.asp</u>. Select [Download communication software] and download the 4 files CVFD4200.exe in a folder. To install, execute the first one and follow the instructions.

2 HARDWARE SET-UP



2.1 PC/Laptop

Use a PC or laptop with RS232 COM port.

2.2 RS232 cable

Use RS232 Sub-d 9-pin 1:1 cable (female-male). This cable is not available from Delta but can be bought in your local computer shop.

2.3 IFD8500

RS232-RS485 converter from Delta.

Please refer to manual for dipswitch settings.

	SW1	Sector model	SW1	
Baud rate	1234	Baud rate	1234	
1200bps		38400bps		
2400bps		57600bps		
4800bps		115200bps		
**9600bps		RTS Mode		
19200bps		RS422 Mode		

24 - 22 - 1	SW2	100 65 M	SW2
Length	1 2	Length	1 2
9bit	ON B	11 bit	
**10 bit	ON	12 bit	ON

2.4 Power supply

The IFD8500 needs an external 9-35V/1.2W power supply. The **DVPPS01** (24V/1A) can be used or you can use your own.

Connection Power Supply:



Connection Data:



2.5 RS485 cable

- Use Delta **RJ01** cable.
- Cut off the connector at one end, free the individual wires and check which colours connect to the other RJ11 connector pin 3 and pin 4. Strip these two wires.
- Connect RJ11 pin 3 (SG-) to IFD8500 pin 2 (DATA-). See above.
- Connect RJ11 pin 4 (SG+) to IFD8500 pin 1 (DATA+). See above.

3 CVFD SOFTWARE SET-UP

3.1 Installation

Install the CVFD program acc. to 1.2 and start CVFD.

3.2 Setting up

After starting CVFD the following screen appears.

ANELTA	Welcome to Delta
Delta VFD series Variable Speed AC Motor Drives DVP series Programmable Logic Controller	communication Program
	Suggestion resolution 800 x 600, Small Font
	Please Select the Language
Control from provide Pro- served must descent adure There is not adure to the second adure	English
	C Ácáé ^{haba} á (<u>C</u>)
	Animata KUO

Select [English] and press [OK].

👌 VFD communication program-c:\PROGRA~1\delta\cvfd4200\def4000.ini	_ 8 ×
Environment Create Tools Window Help	
New Connection	
Data Transmit, Receive Monitor	

• Select [Create] and [New connection].





- Select the right COM port. This depends on your computer.
- Select the slave address. This needs to be the same as the drive you want to control.
- Select the tab for the drive you want to control. Use [none] if you want to use CVFD to communicate with any other Modbus device.

3.3 VFD-L



Communication format Setting	×
COM port Slave Address COM 1 Slave Address Use RS422 interface card Auto-detect Baudrate Auto-detect Portocol Auto-detect Slave Address Required detecting cycles: 1 START	VFD-S VFD-A VFD-M VFD-M1 VFD-P VFD-B VFD-L None VFD-V VFD-L2 VFD-F BaudRate Protocol © 1.00 © 1.10 © 1.20 © 1.30 © 9600 © (0)7,N,2 ASCII Voltage © 115V/230V
	<u> </u>

3.3.1 Settings VFD-L

• Slave address: Must be the same as the dipswitch settings.



- Baudrate: In VFD-L this is fixed to 9600 Baud.
- Protocol: In VFD-L this is fixed to ASCII 7,N,2 (7 data bits, no parity, 2 stop bits).
- Firmware: Select the firmware acc. to info on product label in lower left-hand corner.
- Voltage: The voltage is set to 115/230V for all VFD-L.
- Press [OK].

3.4 VFD-L2



À Communication format Setting	×
COM port Slave Address COM 1 Use RS422 interface card Auto-detect Baudrate Auto-detect Portocol Auto-detect Slave Address Required detecting cycles: 1 START	VFD-S VFD-A VFD-M VFD-M1 VFD-P VFD-B VFD-L None VFD-V VFD-L2 VFD-F BaudRate Protocol Version
	<u>Q</u> K <u>C</u> ancel

3.4.1 Settings VFD-L2

- Slave address: Must be the same as Pr9-00.
- Baudrate: Must be the same as Pr9-01.
- Protocol: Must be the same as Pr9-04.
- Firmware: Select the firmware acc. to Pr0-06 or in lower left-hand corner of product label.
- Voltage: The voltage is set to 115/230V for all VFD-L2.
- Set Pr2-00=4 (Frequency command by RS485) and Pr2-01=3 or 4 (Control by RS485).
- Press [OK].

3.5 VFD-S



👌 Communication format Setting	×
COM port Slave Address COM 1 Slave Address Use RS422 interface card Auto-detect Baudrate Auto-detect Portocol Auto-detect Slave Address Required detecting cycles: 1 START	VFD-L None VFD-V VFD-L2 VFD-F VFD-S VFD-A VFD-M VFD-M1 VFD-P VFD-B BaudRate Protocol © (0)7,N,2 ASCII © 1.60 © 1.80 © 4800 © (1)7,E,1 ASCII © 2.00 © 1.80 © 9600 © (2)7,0,1 ASCII © 2.10 © 2.10 © 19200 © (5)8,0,1 ASCII © 2.20 © 2.20 © 38400 © (6)8,N,2 RTU © 230V © 230V © 57600 © (9)8,N,1 RTU © 460V © 460V
	<u>O</u> K <u>C</u> ancel

3.5.1 Settings VFD-S

- Slave address: Must be the same as Pr9-00.
- Baudrate: Must be the same as Pr9-01.
- Protocol: Must be the same as Pr9-04.
- Firmware: Select the firmware acc. to Pr0-06 or in lower left-hand corner of product label.
- Voltage: The voltage is set acc. to the type: 230V forS21.... orS23.... and 460V forS43.....
- Set Pr2-00=4 or 5 (Frequency command by RS485) and Pr2-01=3 or 4 (Control by RS485).
- Press [OK].

3.6 VFD-M



OLD



NEW



3.6.1 Settings VFD-M

- Slave address: Must be the same as Pr88.
- Baudrate: Must be the same as Pr89.
- Protocol: Must be the same as Pr92.
- Firmware: Select the firmware acc. to Pr100 or in lower left-hand corner of product label.
 If the screen doesn't show the right firmware version to select please change from M to M1 or from M1 to M.
- Voltage: The voltage is set acc. to the type: 230V forM21.... orM23.... and 460V forM43.....
- Set Pr00=3¹ (Frequency command by RS485) and Pr01=3 or 4 (Control by RS485).
- Press [OK].

¹ Refer to manual. Can be different in older versions.

3.7 VFD-B



🍐 Communication format Setting		×
COM port Slave Address COM 1 Slave Address Use RS422 interface card Auto-detect Baudrate Auto-detect Portocol Auto-detect Slave Address Required detecting cycles: 1 START	VFD-L None VFD-V VFD-L2 VFD-F VFD-S VFD-A VFD-M VFD-M1 VFD-F VFD-B BaudRate Protocol © (0)7,N,2 ASCII © 3.05 © 3.10 © 4800 © (1)7,E,1 ASCII © 3.12 © 3.14 © 3.14 © 9600 © (2)7,0,1 ASCII © 3.20 © 3.21 © 3.21 © 19200 © (4)8,E,1 RTU © voltage © 230V © 460V	
	<u>D</u> K <u>C</u> ancel	_

3.7.1 Settings VFD-B

- Slave address: Must be the same as Pr09-00.
- Baudrate: Must be the same as Pr09-01.
- Protocol: Must be the same as Pr09-04.
- Firmware: Select the firmware acc. to Pr00-06 or in lower left-hand corner of product label.
- Voltage: The voltage is set acc. to the type: 230V forB21.... orB23.... and 460V forB43.....
- Set Pr2-00=4 or 5 (Frequency command by RS485) and Pr2-01=3 or 4 (Control by RS485).
- Press [OK].



a Communication format Setting			×
COM port Slave Address COM 1 1 Use RS422 interface card Auto-detect Baudrate Auto-detect Portocol Auto-detect Slave Address Required detecting cycles: 1 START	VFD-S VFD- VFD-L N BaudRate C 4800 C 9600 C 19200 C 38400	A VFD-M VFD-1 None VFD-V Protocol (0)7,N,2 ASCII (1)7,E,1 ASCII (2)7,0,1 ASCII (3)8,N,2 RTU (4)8,E,1 RTU (5)8,0,1 RTU	M1 VFD-P VFD-B VFD-L2 VFD-F Version
		<u>D</u> K	Cancel

3.8.1 Settings VFD-F

- Slave address: Must be the same as Pr09-00.
- Baudrate: Must be the same as Pr09-01.
- Protocol: Must be the same as Pr09-04 and Pr09-05.
- Firmware: Select the firmware acc. to Pr00-00 or in lower left-hand corner of product label.
 Note: For firmware ≤1.08 this CVFD program cannot be used to communicate with VFD-F!
 - Voltage: The voltage is set acc. to the type: 230V forF23.... and 460V forF43.....
- Set Pr02-00=4 (Frequency command by RS485) and Pr02-01=3 or 4 (Control by RS485).
- Press [OK].



👌 Communication format Setting	×
COM port Slave Address COM 1 Slave Address Use RS422 interface card Auto-detect Baudrate Auto-detect Portocol Auto-detect Slave Address Required detecting cycles: 1 START	VFD-S VFD-A VFD-M VED-M1 VFD-P VFD-B VFD-L None VFD-V VFD-L2 VFD-F BaudRate Protocol (9)8,0,1 ASCII 1.00 (1)7,N,2 ASCII (10)8,E,2 ASCII 1.00 (2)7,E,1 ASCII (11)8,0,2 ASCII 1.16 (1)7,0,1 ASCII (12)8,N,1 RTU 1.18 (1)9200 (3)7,0,1 ASCII (13)8,N,2 RTU 1.20 (3)8400 (5)7,0,2 ASCII (14)8,E,1 RTU 1.20 (5)7600 (6)8,N,1 ASCII (15)8,0,1 RTU Voltage (115200 (7)8,N,2 ASCII (16)8,E,2 RTU 230V (115200 (8)8,E,1 ASCII (17)8,0,2 RTU 460V
	<u>O</u> K <u>C</u> ancel

3.9.1 Settings VFD-V

- Slave address: Must be the same as Pr09-00.
- Baudrate: Must be the same as Pr09-01.
- Protocol: Must be the same as Pr09-04.
- Firmware: Select the firmware acc. to Pr00-06 or in lower left-hand corner of product label.
- Voltage: The voltage is set acc. to the type: 230V forV23.... and 460V forV43.....
- Set Pr00-20=1 (Frequency command by RS485) and Pr00-21=0 (Control by RS485).
- Press [OK].

4 OPERATION

4.1 Basic operation

After setting up CVFD and the VFD drive and you have pressed OK, you'll see the following screen:

Example for VFD007B21A with firmware 4.05 and settings Pr09-00=1 (Slave address), Pr09-01=01 (Baudrate 9600), Pr09-04=03 (Protocol Modbus RTU 8,N,2), Pr02-00=04, Pr02-01=03.

Environment Greate Setting Gontrol View Tools Window Help	
Control buttons Control butto	Device and comm info Return to connection screen Frequency command slide To be used for individual commands (see VFD manual) To be used for
[2006-01-24 16:25:21:64] Send STOP Command*01062000000143CA* 48 [2006-01-24 16:25:21:4] Send RUN Command*01062000000203CB* 9 [2006-01-24 16:25:16:37] Send RESET Command*010620020002A208* 9 [2006-01-24 16:25:16:37] Send RESET Command*010620020002A208* 9 [2006-01-24 16:25:16:37] Send RESET Command*010620020002A208* 9 [2006-01-24 16:25:14:2] Send EF Command*010620020001E20A* 9 [2006-01-24 16:25:14:2] Send EF Command*010620020001E20A* 9	Last command

If everything is working correctly the drive should start running upon pressing RUN button.

Buttons:

[RUN]=Run command
[STOP]=Stop command
[FWD]=Forward direction
[REV]=Reverse direction
[JOG]=Run at Jog speed. To stop press [STOP].
[Change Dir]=Change direction from Fwd to Rev or from Rev to Fwd.
[RESET]=Reset command
[EF]=External fault. When pressed the VFD-B display shows "EF" error message. Reset via [RESET] button.

4.2 Continuous monitoring

For continuous monitoring, press		
----------------------------------	--	--

Press **I** to stop continuous monitoring.

Press 🖿 to set the monitoring interval between 0.1~9000.0s

During continuous monitoring, CVFD constantly reads the drive's status and some values.



4.3 Command sequence

Select B to set up a command sequence. _ 8 × 🌶 VFD cor unication program-c:\PROGRA~1\delta\cv ent <u>C</u>reate ≦etting <u>C</u>ontrol ⊻iew <u>T</u>ools <u>W</u>indow <u>H</u>elp n : ¥FD-B, Slave address [1], 9600, Co _ 🗆 × t [8, N.2 RTU], V Status Monitor Parameter Manager II 🗸 Fig (в Cancel Repeat times: (0: always do) 1 Insert Delete Confirm Firs Last New 🔲 Stop as time out 7 0106200110BA5FB9 0106200110BA F=42.82 010620000002 0106200000203CB RUN Intros20010608 010620010608D1AC F=15 44 010620000001 01062000000143CA STOP 45 [2006-01-25 11:4:48:31] Send Command "01062000000143CA"......Succeed"01062000000143CA' [2006-01-25 11:4:46:30] Send Command "010620010608D1AC".....Succeed"010620010608D1AC" 0 . [2006-01-25 11:4:44:30] Send Command "01062000000203CB"......Succeed"01062000000203CB" 16 [2006-01-25 11:4:42:29] Send Command "0106200110BA5FB9"......Succeed"0106200110BA5FB9" -1.0 1. Book

With aid of the buttons you can make a [New] command line, [Insert] a command line, [Delete] a command line, go to the [First] or [Last] command line.

4.3.1 The command to send

The command you want to send without the LRC or CRC check. Refer to the manual on how to build commands.

4.3.2 Replied message

The response with LRC or CRC check.

4.3.3 Note

Your comment text.

4.3.4 Repeat times

The number of times you want to repeat the sequence. 0 means infinitely.

4.3.5 Time out

Tick the Stop as Time Out if you want the drive to stop in case of time out error due to lost communication.

4.3.6 Operation

To start the sequence, press

To stop the sequence, press \blacksquare . If Repeat times is 0, it will run infinitely until \blacksquare is pressed. If repeat times is $\neq 0$, then it will run the sequence as many times as set and then stop. It still can be interrupted by pressing



Press \blacksquare to set the interval between commands in the range of 0.1~9000.0s

4.4 Scope function

Select the Fig. tab.

ź	🁌 ¥FD commu	nicati	on progi	am-c:\P	ROGR	A~1∖d	eltaʻ
	<u>E</u> nvironment <u>C</u> r	reate	<u>S</u> etting	⊆ontrol	⊻iew	<u>T</u> ools	Win
	👌 Connection	: ¥FD	-B, Slav	e addres	s [1], 9	9600, C	om
	Status Monit	tor F	^o aramet	er Mana	ager		
] 🔜 🕨	11	д				
	A B	Fig					
	First		Last	1 N	ew		Inser

This part is still under development.

4.5 Parameter manager

Go to Parameter manager.



Open new file

_	
Hea	d New Parameter file:
$\overline{\mathbf{v}}$	Read group number and parameter number of each group
$\overline{ } \overline{\vee}$	Read current setting value of each parameter
☑	Read Max, Min, Attribute, Default value and Description of each parameter
	Read Parameter Description
	пк

Press [OK]

ss [1], 9600, Communication format [8, N,2 RTU], Y>=4 iager	.00, 230V	
iager		
	1	
Auto load the parameters data, please waiting	m Default Data	
oading parameter data"01630402000F2536" oading parameter Succeed"01631E00000001000000100000415649206F6	56666736574202B2F2D202020202	
	Auto load the parameters data	Auto load the parameters data.

Click on the data field of the parameter you want to change.

	VFD-B V>=4.00 230V/460V						
Delta VFD\or2.db							
Parameter		Minimum	Maximum	Default	Data		
01-04 Mid-Point volt V	Input box			3.4	1.7	·	
01-05 Min output Freq H:	Please input new data value of Pr.01-09: (0.13600)		0.50	0.50		
01-06 Min output volt V	10,0			3.4	1.7	•	
01-07 Upper bound Freq				100	100		
01-08 Lower bound Freq				0			
01-09 Accel. Time 1 se	<u>D</u> K	<u>C</u> an	el	10.0	10.0)	
01-10 Decel. Time 1 se				10.0	10.0		
01-11 Accel. Time 2 sec		0,1	3600.0	10.0	10.0		
01-12 Decel. Time 2 sec		0,1	3600.0	10.0	10.0		
01-13 Jog Accel. Time set	:	0.1	3600.0	1.0	1.0	•	
6-01-25 17:30:50:55] Auto "01630807000F3623" 34" 6-01-25 17:30:50:45] Auto	loading parameter Succeed*01631E00009C400000021000005761 loading parameter	68652075702	0667265712	020202048	7A202	231 0 0 0	

The change is shown in the data field.

us Monitor Parameter Manager					
C:\Delta VFD\or2.db					
Parameter	Minimum	Maximum	Default	Data	
01-04 Mid-Point volt V	0.1	255.0	3.4	1.7	*
01-05 Min output Freq Hz	0.10	400.00	0.50	0.50	
01-06 Min output volt V	0.1	255.0	3.4	1.7	*
01-07 Upper bound Freq%	1	120	100	100	
01-08 Lower bound Freq%	0	100	0	0	
01-09 Accel. Time 1 sec	0.1	3600.0	10.0	5.0)
01-10 Decel. Time 1 sec	0.1	3600.0	10.0	10.0	
01-11 Accel. Time 2 sec	0.1	3600.0	10.0	10.0	
01-12 Decel. Time 2 sec	0.1	3600.0	10.0	10.0	
01-13 Jog Accel. Time sec	0.1	3600.0	1.0	1.0	•
006-01-25 17:30:50:55] Auto loading parameter tta°01630807000F3623"Succeed*01631E00009C40000021000005761 JEB4" 006-01-25 17:30:50:45] Auto loading parameter	58652075702	06672657120	020202048	7A202	231 0 0

4.5.1 Write parameters to the drive

nnection : VFD-B, Slave address [1], 9600, Communication format [8, N,2]	RTUJ, V≫=4.00, 23	3UV				
us Monitor Parameter Manager						-1
Delta VFD/072.00						
Parameter	Minimum	Maximum	Default	Data		
01-04 Mid-Point volt V	0.1	255.0	3.4	1.7	*	
01-05 Min output Freq Hz	0.10	400.00	0.50	0.50		
01-06 Min output volt V	0.1	255.0	3.4	1.7	*	
01-07 Upper bound Freq%	1	120	100	100		
01-08 Lower bound Freq%	0	100	0	0		
01-09 Accel. Time 1 sec	0.1	3600.0	10.0	5.0	*	
01-10 Decel. Time 1 sec	0.1	3600.0	10.0	10.0		
01-11 Accel. Time 2 sec	0.1	3600.0	10.0	10.0		
01-12 Decel. Time 2 sec	0.1	3600.0	10.0	10.0		
01-13 Jog Accel. Time sec	0.1	3600.0	1.0	1.0		-
6-01-25 17:30:50:55] Auto loading parameter °01630807000F3623"Succeed"01631E00009C4000000210000057 14" 6-01-25 17:30:50:45] Auto loading parameter	76168652075702	06672657120	020202048	7A202		231 0 0

4.5.2 Load (read) parameters from the drive

onnection : ¥FD-B, Slave address [1], 9600, Communication format [8, N,2 RT	U], V>=4.00, 2	30V		_	
us Monitor Parameter Manager					
🔜 🗋 😅 🛃 🎒 VFD-B V>=4.00 230V/460V					
:\Delta VFD\pr2.db					
Parameter	Minimum	Maximum	Default	Data	
01-04 Mid-Point volt V	0.1	255.0	3.4	1.7	
01-05 Min output Freq Hz	0.10	400.00	0.50	0.50	
01-06 Min output volt V	0.1	255.0	3.4	1.7	ĸ
01-07 Upper bound Freq%	1	120	100	100	
01-08 Lower bound Freq%	0	100	0	0	
01-09 Accel. Time 1 sec	0.1	3600.0	10.0	5.0 *	*
01-10 Decel. Time 1 sec	0.1	3600.0	10.0	10.0	
01-11 Accel. Time 2 sec	0.1	3600.0	10.0	10.0	
01-12 Decel. Time 2 sec	0.1	3600.0	10.0	10.0	
01-13 Jog Accel. Time sec	0.1	3600.0	1.0	1.0	-
06-01-25 17:30:50:55] Auto loading parameter a ^{*0} 1630807000F3623"Succeed*01631E00009C40000002100000576: B4* 06-01-25 17:30:50:45] Auto loading parameter ************************************	168652075702	06672657120	020202048	7A202	231 0 0

4.5.3 Save parameter file

👌 Connection : VFD-B, Slave address [1], 9600, Communication format [8, N,2 I
Status Monitor Parameter Manager
□ 🖳 □ 🛱 💭 🚭 VFD-B V>=4.00 230V/460V
C:\Delta VFD\br2.db
Save As
Savejn: 🔁 Delta_VFD 💽 🖛 🛍 📸 🗰 🕶
i∭~pr2.db
j≋i pr1.db
File name: pr2.db Save
Save as type: Paradox Cancel

Give the parameter file any name and press [Save].

4.5.4 Print parameter file

👌 Connection : ¥	FD-B, Slave address [1],	9600, Communication format [8, N,2]
Status Monitor	Parameter Manager	
] 🔜 🗅 ൙	🔲 🎒 VFD-B V	/>=4.00 230V/460V
C:\Delta_VFD\	.or2.db	

Paper Size	Print select
 Default 	C Drinkellanssenters
Clotter	• Print all parameters
C Letter	C. Distance state with data difference to date
C A4	 Print parameters with data difference to defa

Select paper size, which parameters and printer if needed and press [OK]

In the Print Preview you can still make some adjustments and press 📕 to print.

The result is as follows with header on each page.

	Filename: pr2.	db 2006	-01-25 17:54	:42
Connection : VFD-B, Slave address [1], 9600, Co	mmunication format [8, N,2 RTU], V	>=4.00, 230∨		
Parameter	Minimum	Maximum	Default	Data
00-00 Identity Code	0	65535	0	4 *
00-01 Rated Current	0.0	6553.5	0.0	5.0
00-02 Parameter Reset	0	10	0	0
00-03 Start-up display	0	4	0	0
00-04 User-defined	0	14	0	0
00-05 User-defined K	0.01	160.00	1.00	1.00
00-06 Software version	0.00	655.35	4.05	4.05
00-07 Password input	0	65535	0	0
00-08 Password setting	0	65535	0	0
00-09 Control Mode	0	3	0	0
00-10 Reserved	0	1	0	0
01-00 Max output freq Hz	50.00	400.00	60.00	60.00
01-01 Motor rated freqHz	0.10	400.00	60.00	60.00
01-02 Motor rated voltV	0.1	255.0	440.0	220.0
01-03 Mid-point freq Hz	0.10	400.00	0.50	0.50
11-04 Mid-Point volt V	0.1	255.0	3.4	17

4.5.5 Open existing parameter file

🔗 Connection : VFD-B, Slave address [1], 9600, Communication format [8, N,2 I
Status Monitor Parameter Manager
□ 🔂 🕞 🖨 \VFD-B \V>=4.00 230\V/460\V
C:\Delta VFD\or2.db
Upen <u>? X</u>
Look jn: 🔁 Delta_VFD 💽 🖛 🗈 📸 🎫
🛋 ~vfdtemp.db
pr1.db
pr2.db
File name: pr2.dbppen
Files of type: Paradox Cancel

Select the file and press [Open].