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Attention • When "Remote error notification" function is set, be sure to register the correct phone number to be contacted.



Function details							
ce mode and the remote error notification mode]							
normal)							
tion. (error)							
tification only.]							
rror notifica	ror notification activates, the LED light blinks						
owing blin	k patterns:						
	…Lit (Unit: second)						
Priority*	Blinking pattern Operation status						
High	0.5 2.0 0.5	Modem error					
↑ (2.0 0.5 2.0	Remote error notification					
1		failed					
1	0.2-0.1-0.2-0.5	Redialing					
Low	0.5 0.5	Air-conditioner error					
atuses occur	at a time, the status with the	highest priority is displayed.)					
anual of the MAINTENANCE TOOL for more information.							
and receiving data through USB communication.							
converter p	ower turns on.						

	Remedy
	When the power LED (LED7) is not lighting, no power is
	being supplied. Check the wiring.
	Check whether the voltage of the M-NET transmission
	contact is between DC17-30V.
	When the operation state LED (LED5) does not light,
	this device does not work properly. Check whether
	SW1-1 to 5 are turned OFF.
1.	Connect the cable firmly.
	Change the COM port number to be used on the
	MAINTENANCE TOOL screen.
	When RS-232C is connected to the personal computer,
	use the cross cable. When it is connected to the modem,
	use the straight cable.
1.	Firmly connect the cable.
	Install the drivers. (The drivers are contained in the
	setup CD attached to the MAINTENANCE TOOL
	Ver.4.20 or later.
is	Check that the power of the modem is turned on and
	that the communication cable of the modem is correctly
	connected.
	Check the "Report log display" screen of the
	MAINTENANCE TOOL. Then check the modem that is
	connected to the MN Converter, phone line, and the
	remote error notification status. (Refer to the Operating
	Manual of the MAINTENANCE TOOL for more
	information.)

Specification						
m / 6 ¹ / ₄ (W) $ imes$ 1 $^{1}\!/_{2}$ (H) $ imes$ 5 $^{3}\!/_{8}$ (D) in					
ature range	0 to 40°C [32 to 104°F]					
ire range	-20 to 60°C [-4 to 140°F]					
condensation)						
nector)						



- Procedure (2) After finishing the cable connection, activate the MAINTENANCE TOOL and jump to the modem setting screen. Set 3 items shown below. Refer to the [Setting procedures] on page 6. As the AT commands are used for settings, also refer to the manual of the modem.
 - (a) Set the modem to ignore the Data Terminal Ready (DTR) by AT command.
 - (b) Set the modem to ignore the Required Transmission Service (RTS) by AT command.
 - (In case of the modem with no RTS settings, set the modem to deactivate the H/W flow control by AT command.)
 - (c) Set the modem not to volatilize the memory of step (a) and (b) by AT command.

[Set t]	ting Pro	cedures]		ICE TOOL th:	at is	s already installe
(י (د	MAIN	TENANCE TO	DOL.		AL 10	
2)	are be	e Select Mon	d and then cho	en, cnoose iv oose Select .	/IN (JONVERTER, F
3)	Jump	to the Conne	ction setting so	creen. Choose	еM	ODEM initial set
4) 5)	Jump	to the Conne	ction modem i nmand transm	nitial setting s it screen.	cre	en. Choose Nev
- /	Enter	the AT comm	and correspon	ding to the pr	oce	dure (2) (a), (b),
	*Refe	to the manua	al of the mode	e the entry sp m and enter t	he p). proper AT comm
	In ca	se of U.S. rob	otics 56K FAX	MODEM, see	e be	low for the prop
			(a). → AT& (b). → AT&	D0 R1		
			(c). → AT&	W0		
	Notes	AT comi manual	mand may diffe	er depending	on 1	the modem type
		European A				
		Example: A	I command	ransmit scre	en 1	_ Enter the AT cor
	[MMAND —		<u>יי</u>	
		AT&W0	\ll			Transmission
	[/	 The setting 		
		←OK	\leftarrow	 The setting The result 	ig c t	ommand is trans
		→AT&R1				
		→AT&W0)			
		←OK				
6)	When	"Transmissio	n" is chosen, <i>i</i>	AT command	is s	ent to the mode
7)	OK co Close	mmand. This the MAINTEI	NANCE TOOL	he modem se	ettin	g by AT commar
After initia page 5.	alizing tl	ne modem, co	onnect each ur	nit as shown i	n th	e System config
3 Com	munic	eation orro	r with the r	nodom		
When	the MN	Converter ca	annot commur	nicate with the	e mo	odem properly, c
9600b	ps. For	settings, refe	er to chapter 2.	Modem initia	liza	ition.
	(2).	Baud rate set	ting: 9600bps	Disablea		
Send t	the AT on and s	command cor et	rresponded to	the contents	(1)	and (2) to the m
meder		0				
Appendi	x H	ow to cor	nect RS-2	32C to a	Pe	rsonal Corr
, ppond	× 11			<u></u>		
This sec	tion de	scribes how to	o connect the l	MN Converter	r thr	ough RS-232C
[System o	configura	ation figure con	nected with the	Personal comp	uter	(Example)]
					٦ r	la de en Lla it
			Outdoor			
the instal				M-N	ET t	ransmission line
MAINTE						
				ME Remote controller		
- HERE (173	ALC: NOT		/			

Shield RS-232C cable (cross cable)

ed on the personal computer and the modem, start the Remote Connection, CMS-MNG-E, and the COM port that tting. v settings

(c) in the space under AT COMMAND.

nand. er AT command.

. Check the proper AT command referring to the

mmand.

(2) Chose "Transmission" after entering the AT command.

smitted.

m. When the setting is completed, the modem sends back nd.

juration figure connected with the modem (Example) on

disable data compression function and set the baud rate to

nodem, and make the settings. Refer to the manual of the

nputer

to the Personal Computer.

[Connection diagram of the connection cable] Shield RS-232C cross cable D-SUB 9Pin (female) – D-SUB 9Pin (female)

DB9 (female) MN Converter side Pin No. 4 5 6 7 8 9 Pin No. 1 2 3 4 5 6 7 8 9 DB9 (female) Personal computer side

This product is designed and inten
commercial and light -ind

This product at hand is based on the following EU regulations:

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NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the use is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- connected.
- Consult the dealer or an experienced radio/TV technician for help.



nded for use in the residential, dustrial environment.

 Low Voltage Directive 73/23/EEC Electromagnetic Compatibility Directive 2004/108/EC

Connect the equipment into an outlet on an circuit different from that to which the receiver is

WT04918X01