

Addendum to Owners Manual

Model RPC-2C733 Remote Power Control Switch

The RPC-2C733 is a standard RPC-2 Remote Power Control Switch with the following modifications.

1. The RPC-2 C733 was designed for applications where the RPC-2's EIA-232 control port is configured with unique pin-outs. The RPC-2C733 control port uses the signals given below.

A) To interface the RPC-2C733 control port to a Terminal or PC, use BayTech adapter number 9FRJ45PC or 25FRJ45PC and BayTech crossed cable number RJ08X010 with eight pin modular connectors(RJ-45). A 9FRJ45PC adapter and crossed cable are available as standard equipment with the RPC-2C733.

B) To interface the RPC-2C733 control port your equipment, use a straight through cable with an eight pin modular connectors. The straight through cable does not come as standard equipment with the RPC-2C733.

2. RPC-2C733 has a unit identification found when you request a status message. The unit name is entered or changed by entering "config" at the RPC> prompt. Please see the example given below.

3. RPC-2C733 allows the outlet's logical name to be programmed with up to 16 ASCII characters. The standard RPC-2 allows users to select outlet logical names up to 10 ASCII characters. See *Section 6.7*"Change Outlet Logical Name", in the Owner's Manual, publication number U140A122-03, for more information on outlet logical names or see the information given below.

STATUS

The **STATUS** command returns the existing, (1)unit name identification, (2)on/off status of the circuit breaker, (3)outlet logical name and (4) the status of the outlets/receptacles. For example, if you type **STATUS<cr>**, the RPC will respond with a menu similar to the following:

```
RPC>status
C733
Remote Power Controller
(C) 1997 by BayTech
F2.02

Unit 1(Default Unit Identification)

Circuit Breaker : On

1)...Outlet 1 : On
2)...Outlet 2 : On
3)...Outlet 3 : Off
4)...Outlet 4 : On
5)...Outlet 5 : On
6)...Outlet 6 : On
```

CHANGE UNIT IDENTIFICATION NAME

To change the Unit Identification Name, type, "**CONFIG**" at the RPC> prompt. The RPC-2C733 will respond with:

```
RPC>CONFIG<CR>
1)...Change Unit Name
2)...Change Outlet Name
Enter Request:2<CR>
```

Type "**1**" and a carriage return (<CR>) to **Change Unit Name**. The default unit name is "Unit 1" the RPC-2C733 will respond with:

```
Enter Request: 1

Unit 1(Existing Unit Name)

Enter : BayTech Unit 2
```

Type the new desired unit name up to 16 ASCII characters at the “Enter” prompt. For example, if you want to change the unit name to BayTech Unit 2, type **BayTech Unit 2**<cr> at the Enter prompt. If you now type the STATUS<cr> command, the RPC will respond with:

```
RPC>status
C733
Remote Power Control
(C) 1997 by BayTech
F2.02

BayTech Unit 2(New Unit Name)

Circuit Breaker: On
```

To return to the RPC> prompt, type <Enter> at the Enter Request prompt.

NOTE: The “Unit Name” feature can be disabled by changing the Unit Name to a carriage return. This is done by hitting the <Enter> key or carriage return(<CR>) at the “Enter”: *Unit Name* Prompt. Changing the unit name to a carriage return, will in effect, disable the “*unit name*”.

CHANGE OUTLET LOGICAL NAME

To change the Outlet Logical Name, type, “CONFIG” at the RPC> prompt. The RPC-2C733 will respond with:

```
RPC>CONFIG<CR>
1)...Change Unit Name
2)...Change Outlet Name
Enter Request:2<CR>
```

Type “2” and a carriage return (<CR>) to **Change Outlet Name**. The RPC-2C733 will respond with:

```
1)...Outlet 1
2)...Outlet 2
3)...Outlet 3
4)...Outlet 4
5)...Outlet 5
6)...Outlet 6
```

Type “1” and a carriage return(<CR>) to change the logical name of **Outlet 1**. The RPC will respond with:

```
Enter Request: 1<CR>
Enter: Router 1<CR>
```

Type the desired outlet logical name up to 16 ASCII characters at the “Enter” prompt. For example, if you want to change the name of Receptacle 1 from Outlet 1 to Router 1, type **Router 1**<cr> at the Enter prompt. If you now type the STATUS<cr> command, the RPC will respond with:

```
1)...Router 1
2)...Outlet 2
3)...Outlet 3
4)...Outlet 4
5)...Outlet 5
6)...Outlet 6
```

Enter Request:

To return to the RPC> prompt, type <Enter> at the Enter Request prompt.

The EIA-232 Service Port on RPC-2C733 uses the following pins and signals for communication:

RPC-2C733 PINOUT INFORMATION			
PIN	SERIAL INTERFACE	DIRECTION	DESCRIPTION
	EIA-232		
1	RTS	Output	Request To Send
2	DTR	Output	Data Terminal Ready
3	TX	Output	Transmit Data
4	GND	-----	Signal Ground
5	GND	-----	Signal Ground
6	RX	Input	Receive Data
7	DSR	Input	Data Set Ready
8	CTS	Input	Clear To Send