



PSP Globalcom International Direct Dial (011+) Programming Instructions
Protel – DA/DD Firmware – Multiple Band Version

Programming Instructions:

1. Make or edit a Route and edit a Call Costing Record. (our example will use route 14)
2. Edit an Options & Registers file.
3. Edit a Site Record to add your assigned Authorization Code.
4. Download and test.

1. Make or edit a Route.

- 1a. From the Main Menu, select '**[2.] Call Costing Records Menu**'.
- 1b. From the Costing Records list, select the record you will be editing.
- 1c. Select '**[5.] Edit Routes**' and arrow down selecting **8014**.

Set up **Route 14** as follows and save changes (press **F2** twice) when finished
 (Replace **8XXXXXXXXX** with the access number that was provided to you):

Tue. May 27, 2003 17:55:52

EDIT MODE 8014

Access Number: 1118XXXXXXXXX59

<table border="0" style="width: 100%;"> <tr> <td>Auth #2</td> <td>_____</td> <td>Dest #2</td> <td>_____</td> </tr> <tr> <td>Delay</td> <td>_____</td> <td>Delay #2</td> <td>_____</td> </tr> <tr> <td>Buffer</td> <td>_____</td> <td>Splash rt</td> <td>_____</td> </tr> <tr> <td></td> <td>_____</td> <td>Card format</td> <td>_____</td> </tr> </table> <p>Switch Fmt: 00 00 1*3*000 00 14 * 12 34 5678901 23 45 6</p> <table border="0" style="width: 100%;"> <tr> <td>Tone</td> <td>_____</td> <td>Time Out rt</td> <td>_____</td> </tr> <tr> <td>Auth #1</td> <td>_____</td> <td>Splash Tone</td> <td>_____</td> </tr> <tr> <td>Dest #1</td> <td>_____</td> <td>Tone #2</td> <td>_____</td> </tr> </table> <p>Field Separator & : 1#00 End of data marker</p>	Auth #2	_____	Dest #2	_____	Delay	_____	Delay #2	_____	Buffer	_____	Splash rt	_____		_____	Card format	_____	Tone	_____	Time Out rt	_____	Auth #1	_____	Splash Tone	_____	Dest #1	_____	Tone #2	_____	<p>Table 1 - Tone</p> <table border="0" style="width: 100%;"> <tr> <td>0 = No tone</td> <td>7 = Ringback</td> </tr> <tr> <td>1 = 360-400 Hz</td> <td>A = DTMF A</td> </tr> <tr> <td>2 = 380-420 Hz</td> <td>B = DTMF B</td> </tr> <tr> <td>3 = 420-460 Hz</td> <td>C = DTMF C</td> </tr> <tr> <td>4 = 460-500 Hz</td> <td>D = DTMF D</td> </tr> <tr> <td>5 = Dial tone</td> <td># = DTMF #</td> </tr> <tr> <td>6 = DTMF *</td> <td></td> </tr> </table> <p>Table 2 - Delay / Timeout</p> <table border="0" style="width: 100%;"> <tr> <td>0 = 0.0 / 0.0</td> <td>8 = 6 / 6</td> </tr> <tr> <td>1 = 0.3 / 0.3</td> <td>9 = 10 / 10</td> </tr> <tr> <td>2 = 0.5 / 0.5</td> <td>A = 20 / 20</td> </tr> <tr> <td>3 = 0.8 / 0.8</td> <td>B = 20 / 30</td> </tr> <tr> <td>4 = 1.0 / 1.0</td> <td>C = 20 / 40</td> </tr> <tr> <td>5 = 1.5 / 1.5</td> <td>D = 20 / 50</td> </tr> <tr> <td>6 = 2.0 / 2.0</td> <td># = 20 / 60</td> </tr> <tr> <td>7 = 3.0 / 3.0</td> <td></td> </tr> </table>	0 = No tone	7 = Ringback	1 = 360-400 Hz	A = DTMF A	2 = 380-420 Hz	B = DTMF B	3 = 420-460 Hz	C = DTMF C	4 = 460-500 Hz	D = DTMF D	5 = Dial tone	# = DTMF #	6 = DTMF *		0 = 0.0 / 0.0	8 = 6 / 6	1 = 0.3 / 0.3	9 = 10 / 10	2 = 0.5 / 0.5	A = 20 / 20	3 = 0.8 / 0.8	B = 20 / 30	4 = 1.0 / 1.0	C = 20 / 40	5 = 1.5 / 1.5	D = 20 / 50	6 = 2.0 / 2.0	# = 20 / 60	7 = 3.0 / 3.0	
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ESC Abort F1 Help F2 Save Arrows

Note: In positions 14 & 15 of the switch format, there is a '14'. This will reroute the call back to this route if there is difficulty with the first call attempt. If you use a different route, replace our '14' and '8014' with the route you use for **International 1+** traffic.

Payphone211.com is happy to assist you by offering programming suggestions, however, we cannot accept the responsibility for charges incurred due to programming errors.

Updated: 10-1-04

- 1d. Select '[2.] Edit Cost Bands'.
- 1e. Page down and set up **Cost Band 112, Band 113, Band 114 and Band 115**, as follows saving changes (press **F2**) when finished:

EDIT COST BANDS						Screen 2.2.2
						17:20:50
Band	Description/ Discount Table	Int Rate/ Ovt Rate	Int Time/ Ovt Time	Frd Det/ Keypad	LATA/ Route	Card Enable/ SAC/CI/AD
112	Country Code #1 None	1.00 1.00	10 10	Disable 5	Inter 14	0000000000000000 030
113	Country Code #2 None	1.00 1.00	5 5	Disable 5	Inter 14	0000000000000000 030
114	Country Code #3 None	1.00 1.00	5 5	Disable 5	Inter 14	0000000000000000 030
115	Country Code #4 None	1.00 1.00	3 3	Disable 5	Inter 14	0000000000000000 030
116	Country Code #5 None	0.00 0.00	0 0	Disable 1	Inter 0	0000000000000000 030
117	Country Code #6 None	0.00 0.00	0 0	Disable 1	Inter 0	0000000000000000 030

ESC Exit F1 Help Up/Dn/Lf/Rt/PgUp/PgDn Move F7 GlobCE F8 GlobSAC F2 Save

Note: Set times and amounts to what you desire.

- 1f. Select '[3.] Edit NPA/NXX and Country Codes Menu'.
- 1g. Select '[3.] Edit Country Codes'.
- 1h. Set up **Country Code Definition #1, #2, #3 and #4** as follows and save changes (press **F2** twice) when finished:

EDIT COUNTRY CODES			Screen 2.2.3.3
			17:19:07
Country Code Definition #1:	05255#	for cost band# 112	
Country Code Definition #2:	05281#	for cost band# 113	
Country Code Definition #3:	05233#	for cost band# 114	
Country Code Definition #4:	0#####	for cost band# 115	
Country Code Definition #5:		for cost band# 116	
Country Code Definition #6:		for cost band# 117	
Country Code Definition #7:		for cost band# 118	
Country Code Definition #8:		for cost band# 119	
Country Code Definition #9:		for cost band# 120	

ESC Abort F1 Help F2 Save Arrows

3. Edit a Site Record to add your assigned Authorization Code.

- 3a. From the Main Menu, select, '[1.] Edit Site Record'.
- 3b. From the PHONE SITES list, select the site record you will be editing.
- 3c. Arrow down to 'Select: Authcodes' and press the SPACE BAR.
- 3d. Change '8014 Auth #1:' and save (press F2 twice) when finished: **DO NOT USE 11111 AS YOUR AUTH CODE**, but instead type in the assigned 5-digit auth code provided by our office. (Be sure to use 05 in front, then your assigned 5-digit auth code, end with 57)

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1 EDIT AUTH CODES ANI: 8888888888 2.1.A.u.t.h
Wed. May 21, 2003 22:55:32

Route#           Auth #1: 00           Route#           Auth #2: 00
8001 Auth #1: 00      8001 Auth #2: 00
8002 Auth #1: 00      8002 Auth #2: 00
8003 Auth #1: 00      8003 Auth #2: 00
8004 Auth #1: 00      8004 Auth #2: 00
8005 Auth #1: 00      8005 Auth #2: 00
8006 Auth #1: 00      8006 Auth #2: 00
8007 Auth #1: 00      8007 Auth #2: 00
8008 Auth #1: 00      8008 Auth #2: 00
8009 Auth #1: 00      8009 Auth #2: 00
8010 Auth #1: 00      8010 Auth #2: 00
8011 Auth #1: 00      8011 Auth #2: 00
8012 Auth #1: 00      8012 Auth #2: 00
8013 Auth #1: 00      8013 Auth #2: 00
8014 Auth #1: 051111157 8014 Auth #2: 00
8015 Auth #1: 00      8015 Auth #2: 00

8101 Auth #1: 00      8101 Auth #2: 00

ESC Abort F1 Help F2 Save Arrows
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4. Download and test.

- 4a. Download to one phone and make test calls.
- 4b. **Test your programming by dialing 011-999-999-9999. If your programming is correct, you will receive a SIT tone, a message that your call attempt was successful and the coins will be returned when you hang up.**
- 4c. **Test your programming by dialing 011-999-888-8888. This test produces NO SIT tone and the money will not be returned. There is a charge for each test call. You will receive an email confirmation of your test calls. If you experience problems, call 1-877-211-9901.**
- 4c. If satisfied with testing, repeat all steps and download all other phones.

Carrier Protocol:

1. User dials 011 + country code + city code and deposits coins when prompted.
2. The payphone simultaneously dials our toll-free access number and waits for dial tone.
3. Upon hearing dial tone, the payphone sends your 5-digit auth code and waits for dial tone.
4. Upon hearing the second dial tone, the payphone dials the destination number and opens up the handset for the customer to use with their call and to hear the progress of the call.
5. While the call is processing, our switch provides an accurate lack of answer detect until the destination answers. If the destination is busy or does not answer, the payphone user's money is returned.

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