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# APB and ATB How2.

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## Information

Anti-Pass Back (APB) is a setup that allows you to block users from passing their access cards to the next person to grant them access to an area. As well as preventing a user from re-entering an area when the user left the area without using his\her access card. This will force the user to use his\her access card in the different areas, for entering and exiting.

Anti-Time Back (ATB) is a setup that works with APB. This allows you to set a time limered on a reader. This time limered forces the user to enter an area and only after a set amount of time the user will be able to re-enter the same area. This was implemented to the controller for users that learned how to bypass the system to allow more users to enter an area with the same access card.

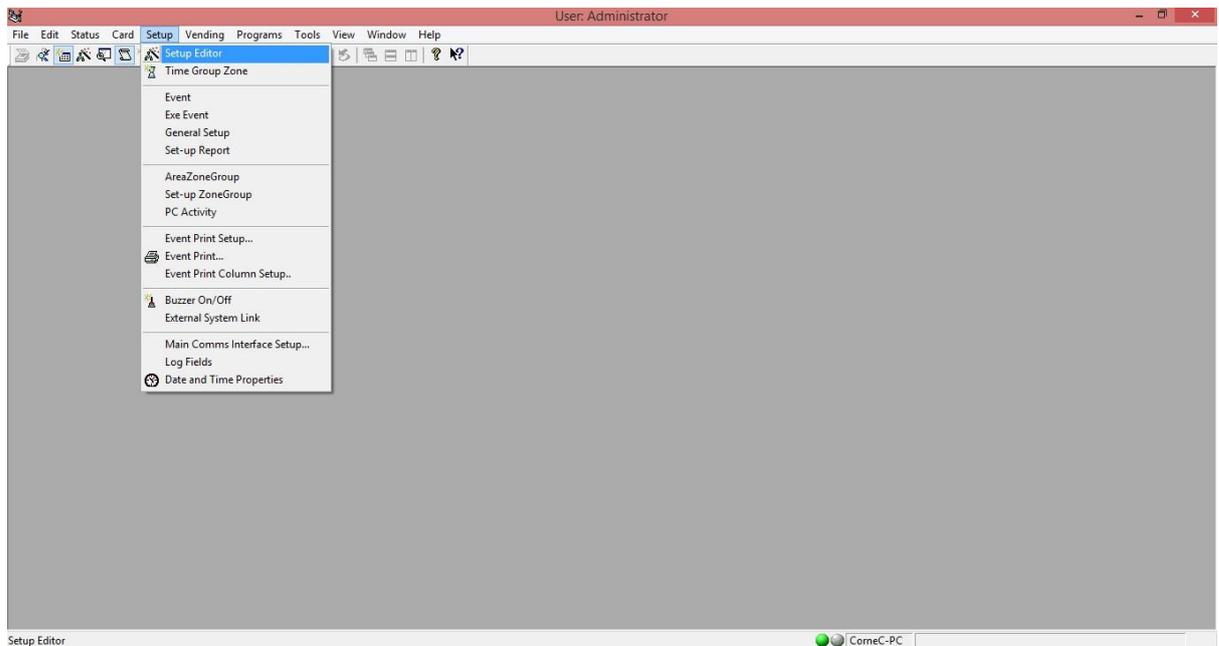
In this document I will also show you on how to setup APB and ATB with the **Hand Held Programmer**. This is when you want to setup APB and ATB on a controller not connected to the software. Or if you want to do troubleshooting a controller.

# APB Setup

To setup anti-pass back follow the following steps shown below.

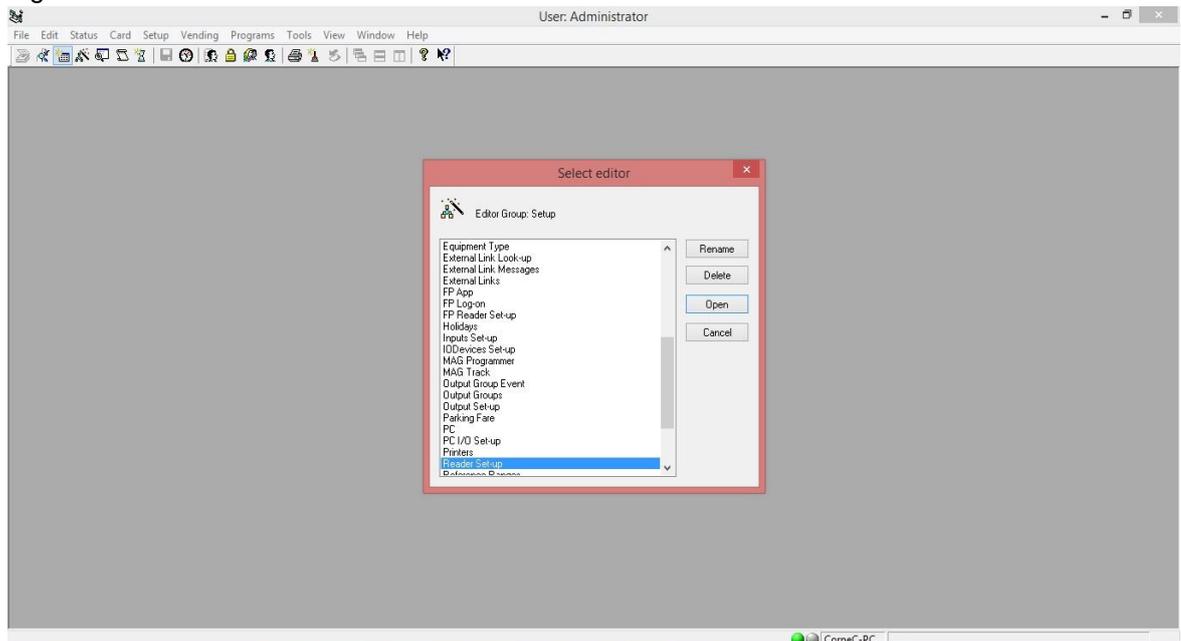
1. In Softwin3 Software click on **Setup** and then on **Setup Editor**. Shown in Figure 1.

Figure 1



2. In the **Select Editor** Screen scroll down till you find **Reader Setup**. Double-click on **Reader Setup** or click once and then on **Open**. Shown in figure 2.

Figure 2



- In **Reader Setup** you will find the description of your reader. The controller's name where the reader is connected to. The Port number where the reader is connected to. And the area indicating from where the user is coming from and where the user is going to.

Find the table that is named **APB**. Double-click on the field to access the drop down menu. Select **Enabled**. Then press Enter or click on any other field to save the changes for that reader. Remember to Enable APB for both readers. Shown in figure 3.

Figure 3

Description	Controller	Port	Area In	Area To	PIN us...	Accume	APB	ATB	TG per reader	Card Type	DB mode	ATB Linked	Strictly from	ALT ISO Start
1 Office Entrance	CR-390	1	Outside	Office	No	None	None	0	No	02 Wiegand 30	10 Random		Disabled	
2 Office Exit	CR-390	2	Office	Outside	No	None	None	0	No	02 Wiegand 30	10 Random		Disabled	
3 Visitor Parking Entrance	CR-391 (1)	1	Outside	Visitor Parking	No	None	None	0	No	02 Wiegand 30	10 Random		Disabled	
4 Visitor Parking Exit	CR-391 (1)	2	Visitor Parking	Outside	No	None	Enabled	0	No	02 Wiegand 30	10 Random		Disabled	
5 Employee Parking Entrance	CR-391 (2)	1	Visitor Parking	Employee Parking	No	None	None	0	No	02 Wiegand 30	10 Random		Disabled	
6 Employee Parking Exit	CR-391 (2)	2	Employee Parking	Visitor Parking	No	None	None	0	No	02 Wiegand 30	10 Random		Disabled	
7 zRD 07	zController 04	1	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility, xref		Disabled	
8 zRD 08	zController 04	2	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility, xref		Disabled	
9 zRD 09	zController 05	1	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility, xref		Disabled	
10 zRD 10	zController 05	2	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility, xref		Disabled	
11 zRD 11	zController 06	1	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility, xref		Disabled	
12 zRD 12	zController 06	2	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility, xref		Disabled	
13 zRD 13	zController 07	1	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility, xref		Disabled	
14 zRD 14	zController 07	2	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility, xref		Disabled	
15 zRD 15	zController 08	1	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility, xref		Disabled	
16 zRD 16	zController 08	2	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility, xref		Disabled	
17 zRD 17	zController 09	1	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility, xref		Disabled	
18 zRD 18	zController 09	2	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility, xref		Disabled	
19 zRD 19	zController 10	1	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility, xref		Disabled	
20 zRD 20	zController 10	2	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility, xref		Disabled	
21 zRD 21	zController 11	1	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility, xref		Disabled	
22 zRD 22	zController 11	2	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility, xref		Disabled	
23 zRD 23	zController 12	1	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility, xref		Disabled	
24 zRD 24	zController 12	2	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility, xref		Disabled	
25 zRD 25	zController 13	1	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility, xref		Disabled	
26 zRD 26	zController 13	2	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility, xref		Disabled	

- Now click on **Setup** and then click on **Setup Editor**. Then click on **Controller Setup**. In the Controller setup screen right-click on the controller. In the screen that pops up click on **Setup** and then on **reset**. This will send down the APB settings to the controller.

# ATB Setup

To setup ATB follow the steps below.

1. In **Reader Setup** next to the APB field you will find the ATB field. Here you can specify the amount of time you want on the reader. This field is in minutes. See Figure 4 below.

Figure 4

Description	Controller	Port	Area In	Area To	PIN us...	Accume	APB	ATB	TG per reader	Card Type	DB mode	ATB Linked	Strickly from	ALT ISO Start
1 Office Entrance	CR-390	1	Outside	Office	No	None	Enabled	5	No	02 Wiegand 30	10 Random		Disabled	
2 Office Exit	CR-390	2	Office	Outside	No	None	Enabled	5	No	02 Wiegand 30	10 Random		Disabled	
3 Visitor Parking Enrince	CR-391 (1)	1	Outside	Visitor Parking	No	None	None	0	No	02 Wiegand 30	10 Random		Disabled	
4 Visitor Parking Exit	CR-391 (1)	2	Visitor Parking	Outside	No	None	None	0	No	02 Wiegand 30	10 Random		Disabled	
5 Employee Parking Enrince	CR-391 (2)	1	Visitor Parking	Employee Parking	No	None	None	0	No	02 Wiegand 30	10 Random		Disabled	
6 Employee Parking Exit	CR-391 (2)	2	Employee Parking	Visitor Parking	No	None	None	0	No	02 Wiegand 30	10 Random		Disabled	
7 :RD 07	zController 04	1	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility, xref		Disabled	
8 :RD 08	zController 04	2	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility, xref		Disabled	
9 :RD 09	zController 05	1	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility, xref		Disabled	
10 :RD 10	zController 05	2	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility, xref		Disabled	
11 :RD 11	zController 06	1	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility, xref		Disabled	
12 :RD 12	zController 06	2	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility, xref		Disabled	
13 :RD 13	zController 07	1	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility, xref		Disabled	
14 :RD 14	zController 07	2	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility, xref		Disabled	
15 :RD 15	zController 08	1	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility, xref		Disabled	
16 :RD 16	zController 08	2	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility, xref		Disabled	
17 :RD 17	zController 09	1	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility, xref		Disabled	
18 :RD 18	zController 09	2	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility, xref		Disabled	
19 :RD 19	zController 10	1	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility, xref		Disabled	
20 :RD 20	zController 10	2	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility, xref		Disabled	
21 :RD 21	zController 11	1	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility, xref		Disabled	
22 :RD 22	zController 11	2	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility, xref		Disabled	
23 :RD 23	zController 12	1	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility, xref		Disabled	
24 :RD 24	zController 12	2	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility, xref		Disabled	
25 :RD 25	zController 13	1	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility, xref		Disabled	
26 :RD 26	zController 13	2	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility, xref		Disabled	

## Hand Held APB and ATB Setup

Plug in your HH Programmer into your controller and follow these steps below to setup APB and ATB.

C390 x 00.28 001  
< Move to Menu >

1. Press \*2 till you see SETUP. When SETUP is displayed Press \*5 to entre SETUP menu.

< Set-up Comms >

2. When Set-up Comms is displayed. Press \*3 till you see Set-up Access. Then press \*5 to enter Set-up Access.

< Set-up Access >

3. Press the # button on the HH Programmer till you find (**00 APB en/dis/hi R12**).

11 APB en/dis/hi R12

4. Change it to 11. The first digit is for reader 1 and the second digit is for reader 2. Then press the # button to move to the next setting.

00 R12 ATB clr/n

5. This setting is when you want to link the ATB. This means when a user exits the area within the time period the ATB is enabled it will reset the entrance reader for that Area. The first digit is for reader 1 and the second digit is for reader 2.

< Set-up Tick >

6. Press the \* button to jump to the next settings group. The next group that will be display will be Set-up Tick. Press \*5 to enter Set-up Tick.

00 R12 min ATB

7. Press the # button till you find (**00 R12 min ATB**).  
This is where you enable the amount of minutes on both reader 1 and reader 2. The first digit is for reader 1 and the second digit is for reader 2. You can only go up to a maximum of 9min per reader.

Press the \* button to go back to Move to Menu. This will save all the setting that you made to the controller. Remove the Hand Held Programme. Now you ready to go.