How to Setup the Printer

The following are the instructions for setting up the printer (take HP printer for example):

1. Setup the printer: Run EasyBuilder Pro, select "Edit / System Parameters";



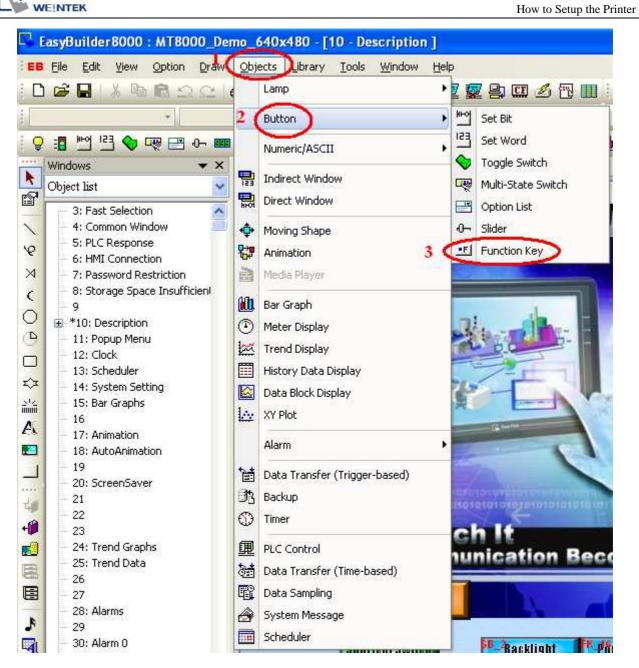
2. Switch to the "Model" tab, select the printer type: HP PCL Series (USB) and setup the paper size. Click "OK" button;

How	to	Setup	the	Printer
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HMI model : MT6104T/MT8080T/MT8104T (640 × 480) HMI station no : 0	
HMI station no : 0	v
Port no. : 8000 (used as MODBUS server's port no.)	
Port no. : 8000 (used as MODBUS server's port no.)	
Timer	
Clock source : HMI RTC	
Printer	
Type : HP PCL Series (USB) 🛛 VISB only	
Paper size : A4	
Screen hard copy scale : 100%	*
Screen hard copy scale : 100%	~
	~
Storage space management	
Storage space management History data space Max.	XOB file s

There are two ways to start the printer:

- A. By the function key;
- B. By the PLC control;
- 3. Start the printer by function key;
- 3.1 Select "Objects / Button / Function Key";



3.2. In the "New Function Key Object" window, select "Screen hard copy" under the "General" tab. Select the printer: HP PCL Series (USB); Click "OK" to create a printer function key.

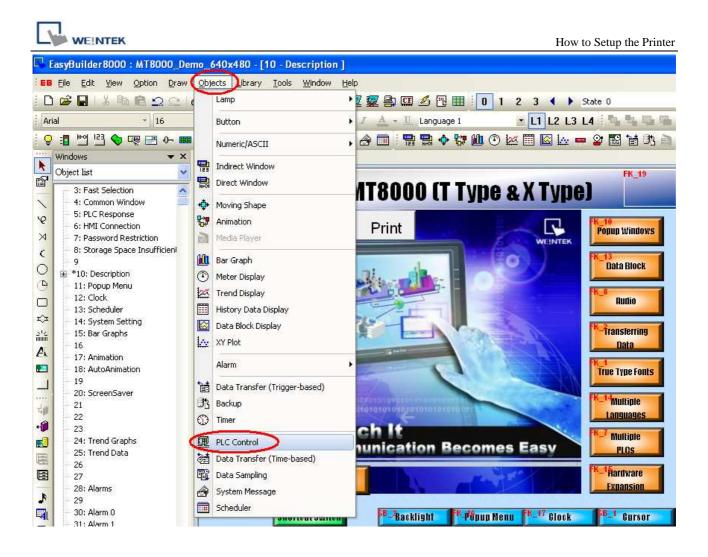
How to Setup the Printer

New Function Key Object	×						
General Security Shape Label							
Description :							
C Activate after button is released							
Change full-screen window Change common window Display popup window							
Return to previous window O Close window							
ASCII/UNICODE mode							
○[Enter] ○[Backspace] ○[Clear] ○[Esc]							
O[ASCII]/[UNICODE]							
O Execute macro							
🔿 Window title bar							
Hand copy screen to USB disk or printer							
Screen hard copy Printer : HP PCL Series (USB))						
Mode : color							
Notification							
OK Cancel Help							

3.3. Connect the printer to HMI. You can now simply click the "Print" button object that you just created on the screen.



- 4. Start the printer by PLC control;
- 4.1. Select "Objects / PLC Control";



4.2. Click "New" button in the "PLC Control Object" window;

PLC C	ontrol Object	
_		
3:	LB-1#310 Execute macro program	OnAuto (ID : 2)(Always active when ON)
4:	LB-1#310 Execute macro program	OnAutoEnd (ID : 3)(ON->OFF)
5:	LB-1#310 Execute macro program	OnAutoStart (ID : 4)(OFF->ON)
6:	LB-1#203 Execute macro program	OnChangeWTI (ID : 5)(OFF->ON)
7:	LB-1#204 Execute macro program	OnChangeDubai (ID : 6)(OFF->ON)
	LB-1#205 Execute macro program	OnChangeBrent (ID : 7)(OFF->ON)
	LW_Bit-1#29700 Execute macro program	
	LW_Bit-1#29800 Execute macro program	
	LW_Bit-1#29900 Execute macro program	
	LB-1#207 Execute macro program	OnUpdateChart (ID : 11)(OFF->ON)
	LW_Bit-1#901800 Execute macro program	OnTimer0 (ID : 12)(ON<->OFF)
	LB-1#100 Execute macro program	Scaling (ID : 14)(OFF->ON)
	LB-1#119 Execute macro program	Auto (ID : 13)(Always active when ON)
	LB-1#149 Execute macro program LB-1#149 Execute macro program	Switch_OnAuto (ID : 15)(Always active when ON) Switch_OnAutoEnd (ID : 16)(ON->OFF)
	LB-1#6054 Execute macro program	after window changed, turn on back light) Scan Alarm (ID : 18)(OFF->ON)
	LB-1#302 Execute macro program	Animation (ID : 19)(OFF->ON)
		Animation (10 : 19)(OFF-2017) after window changed, turn on back light)
	LB-400 Back light control	arter window changed, turr or back light)
		ase window) : OFF->ON [Output : USB disk 1]
23.	- Content bareer hardcopy (current ba	see window). Or Food [Couplet. Cool disk 1]
6		
	New Delete	Settings Exit
-		

4.3. Select the corresponding PLC name; Set the "Type of control" to "Screen hardcopy"; Select the "Device type" and "Address" to M0; Select the "Trigger mode" to "OFF->ON"; Select the printer:



HP PCL Series (USB), and click "OK" to complete. Run the program, setup the M0 address in the PLC program to start printing.

Notice:

Trigger mode: OFF->ON; Switch the object to ON status to start printing;

ON -> OFF: Switch the object to OFF status to start printing;

OFF <-> ON: When the object status is changed, either from OFF to ON or from ON to OFF, the printer will be started.

Source window for print:

Current base window: When the object is triggered, printer starts printing the current screen display;

Window no. from register: The PLC words controls the window number;

Designate window no.: The printing image is assigned in the program;

WEINTEK	How to Setup
PLC Control	
Description :	
1 PLC name : Device 1	~
Attribute 2 Type of control : Screen hardcopy	~
Active only when designated window opened	
Active only when designated window opened	
Trigger address	
3 Device type : M Address : 0	~
Address : 10 Address format : dddd [range : 0 ~ 9999]	
Index register	
4 Trigger mode : OFF->ON	~
Source window for print	
5 Ourrent base window O Window no. from register O Designate window	v no.
6 Printer : HP PCL Series (USB) Mode : black and white	~
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