TCP/IP set for MPC6585

Below screen shots are based on Win 7 (64-bit).

1. PC connects with MPC6585 via normal network cable

1.1 Set the PC as static (manual) mode

ternet Protocol (TCP/ General	
	signed automatically if your network supports ou need to ask your network administrator for
🚫 Obtain an IP address	automatically
Ose the following IP a	address:
IP address:	192 . 168 . 192 . 50
Subnet mask:	255 . 255 . 255 . 0
Default gateway:	192 . 168 . 192 . 1
Obtain DNS server ac	Idress automatically
O Use the following DN:	S server addresses:
Preferred DNS server:	10 10 10 V
Alternate DNS server:	<u>(1) 10 21</u>
	Advanced
	OK Canc

1.2 Set the MPC6585 as static (manual) mode in the panel (i.e. PAD04A-E).

MACHINE	ID 1
IP MODE	STATIC
IP SET	
192. 168.	192.001

Re-power MPC6585 motion controller hardware.

1.3 Requirement of the IP address of the PC and MPC6585

Internet Protocol (T	CP/IP) Properties 🛛 🖓 🔀
General	Note of the second s
	s assigned automatically if your network supports se, you need to ask your network administrator for ings.
🔿 Obtain an IP add	ress automatically
🕞 Use the following	IP address:
IP address:	192 . 168 . 192 . <mark>50</mark>
Subnet mask:	255 . 255 . 255 . 0
Default gateway:	192.168.192.1
 Obtain DN Use the fo Preferred DN Alternate DN 	MACHINE ID 1 IP NODE STATIC IP SET 192.168.192.001
	OK Cancel

The first three groups of the IP address (yellow covered) in the panel must be identical with the ones in the PC.

The last group of the IP address (purple covered) in the panel allows difference with the one in the PC.

1.4 Select the connect type



Choose "Ethernet" in the LaserCut61.

2 PC connect with MPC6585 through router

2.1 Diagram



2.2 Set the PC as below

ieneral	Alternate Configu	aration					
this cap	n get IP settings as pability. Otherwise, propriate IP settings	you need t					
o ()	btain an IP address	s automatic	ally				
OU	se the following IP	address: –					
IP ac	ddress:					-	
Subr	net mask.			œ.	80	60	
Defa	ault gateway:			(2)	15	- iš	
00	btain DNS server a	address aut	omatica	lly			
💽 U:	se the following DN	VS server a	addresse	s:			
Prefe	erred DNS server:			25	<u>\$3</u>	38	
Alter	nate DNS server:			8	28	23	
22						<u> </u>	
						Adv	anced

2.3 Set the MPC6585 as AUTO mode in the panel

MACHINE	; ID 1
IP MODE	AUTO
IP SET	
192. 168	. 001. 001

Re-power MPC6585 motion controller hardware.

2.4 Select the connect type in the LaserCut61.

Machine ID:	1_0000000 💽	DownLoad
Connect Type:	Ethernet 💌	
	Ethernet	

2.5 Trouble Shooting

The connection between PC and router is either by the "wired" (normal network cable) or by the wireless WAP.

The PC can browse the Internet via a router when a "wired" MPC6585 is connected via the router as well.

User is advised the "wired" because it is more reliable than the WAP.

The disabled WAP will prevent the "wired" MPC6585 from occasionally interference.

