

Ethernet Crossover

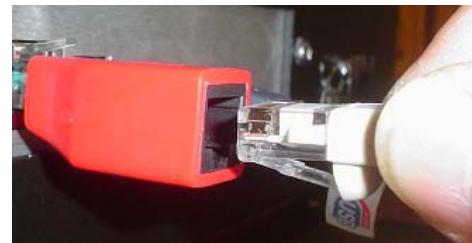
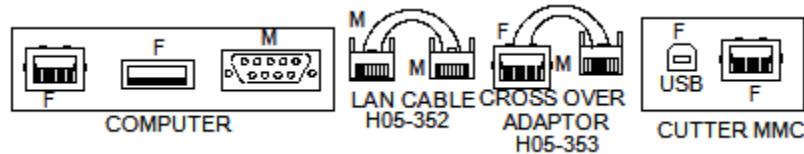
Technical Support Bulletin

Using Ethernet Crossover Cable with Build 8 software

Last update 12-28-9

Abstract: Default IP address in build 8 software for MMC causes crossover connection between PC and MMC cutters to malfunction. Changing the IP address in the MMC to a non-APIPA address, allows reconnection by windows software without rebooting windows operating system.

Connect Lan or Ethernet cable as shown below:



You must change the default address of the mmc board to a non-APIPA (169.254.x.x) address. Use 192.168.4.10. Then when you setup the ip address for the PC you use 192.168.4.2 as a static or specified assignment. Follow procedure below to perform the changes necessary.

First, Change IP address of cutter:

To change the default IP address for mmc you run diagnostic 4 on the mmc.
Select -> right arrow to dia -> up arrow to 0004 -> select

use up/down to select IP then press select key



Change first part of address to 192 then press select
change 2nd part of ip address to 168 then press select
change 3rd part of ip address to 4 then press select
change 4th part of ip address to 10 then press select

MAS will then appear. Press select

First part of mask is 255 -> press select
2nd part of mask is 255 -> press select
change 3rd part of mask to 255 then press select
4th part of mask is 0 -> press select

gAtE will appear. Press select

change 1st part of gateway to 192 then press select
change 2nd part of gateway to 168 then press select
change 3rd part of gateway to 4 then press select
change 4th part of gateway to 1 then press select.

If desired:

You can run diagnostic 4 again and change from IP to DHCP so mmc will work on either specified IP of 192.168.4.10 or dynamically assigned IP address if a DHCP server is on the network.

Next, set specified IP for PC:

XP instructions:

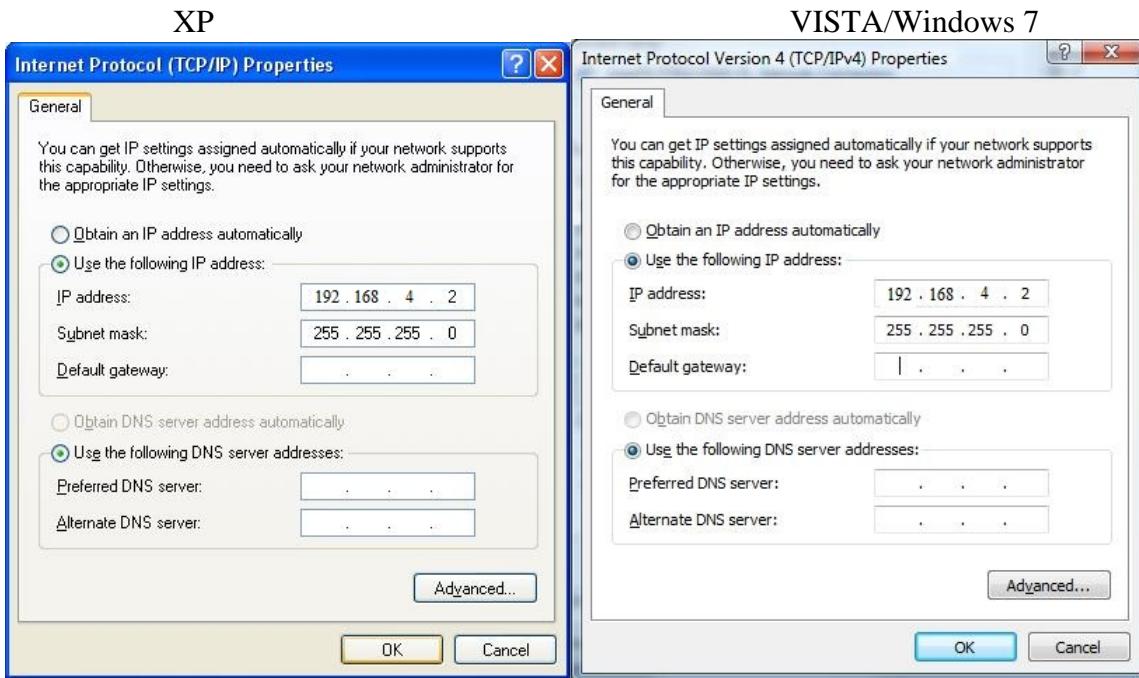
start -> right click on My Network Places -> left click on properties
right click on local area connection -> left click on properties
select internet protocol (TCP/IP)
click on properties button
click on use following ip address
set ip address and mask as shown on next page

Vista instructions:

start -> right click on Network -> left click on properties
left click on manage network connections
right click on local area connection -> left click on properties
select internet protocol version 4 (TCP/IPv4)
click on properties button
click on use following ip address
set ip address and mask as shown on next page

Window 7 instructions:

start -> right click on Network -> left click on properties
left click on change adaptor settings
right click on local area connection -> left click on properties
select internet protocol version 4 (TCP/IPv4)
click on properties button
click on use following ip address
set ip address and mask as shown below



Click on ok, then close other windows

Next, install printer driver for new connection:

click on

XP instructions:

start -> all program -> Allen Datagraph -> Cutter driver -> Enable Printer Driver
select yes to auto install message.

Vista or Window 7 instructions:

click on start. Type "ena" find enable printer driver to start
select yes to auto install message.

Last, open your remote panel

click on Setup -> com port -> Lan
select cutter from drop down list. click on OK