

Re: Mitsubishi PIP Bypass – Help

Source: <http://sci.tech-archive.net/Archive/sci.electronics.repair/2004-11/2294.html>

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7 Mitsubishi PIP bypass sites:

<http://members.aol.com/philsellectronics/images/pipby.jpg>
http://intrepid-video.com/techhelp.htm#Mitsu_PIP_modification
<http://members.aol.com/philsellectronics/images/pip.gif>
<http://www.iwaynet.net/~nesda/mitspip.html>
<http://www.iwaynet.net/~nesda/Nov01/Nov13.html>
<http://www.iwaynet.net/~nesda/Dec01/Dec15.html>
<http://www.iwaynet.net/~nesda/Feb02/Feb14.html>

The following is the "official" mod from MGA –

- 1) Parts req'd – two 22uf@50V NP electrolytic caps
- 2) Remove existing PIP module
- 3) Install one cap from pin 5 to pin 11 on the VP connector
- 4) Install the other cap from pin 7 to pin 9 on the VP connector

I Found A Combination That Works To Bypass The Pip 05 Module. Hook Up A .01 Cap Between Pins 7 And 9 Of Vp. Place A 47uf@50v Elec. Cap Positive Lead On Pin 5 Of Vp Plug. Solder The Neg Lead To A 4700 1/2 Watt Res & Solder The Other Res Lead To Pin 11. Solder A 2700 Ohm 1/2 Watt Resistor >>From Pin 11 To Pin 9 Along With The .01 Cap. This Combo Produces Very Good Color & Sync On All Channels.

Found This One The Sci.Electronics.Repair Forum....Did Not Try It Yet But May Be A Good Fix !

What We've Done For This Model Is To Put A 2.7k And 4.7k Resistor In Series With The (-) Leg Of The 47uf Cap To Ground And Tap The Junction Of The 2 Resistors And Run That To Pin 11. A Simple Voltage Divider. Did A Lot Of Experimenting With Potentiometers To Determine The Values Needed. You Could Always Use A 10k Pot To Do This And Would Have Something That Is Adjustable. You Will Need About 1.7v P-P At Pin 11 When Done Instead Of Around 2.7v P-P That You Get When Simply Bypassing With That 47uf Cap

here's another

sci.electronics.repair: Re: Mitsubishi PIP Bypass – Help

Change R7050 1.2k , R7024 1.8k , R7051 1.8k , R7002 1.5k R7034 Should
Be 0 Ohm And May Already Be That Value R7011 Remove And Discard. R7029
470k And May Already Be That Value

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<http://www.iwaynet.net/~nesda/May02/May18.html>

<http://www.iwaynet.net/~nesda/SonyAudMod.html>

<http://www.newark.com/product-details/image/mcm/image/32-9495.jpg>

<http://www.iwaynet.net/~nesda/Oct02/Oct028.html>

<http://www.iwaynet.net/~nesda/Oct02/Oct029.html>

<http://www.iwaynet.net/~nesda/Oct04/Oct041.html>