

# **TP03 TV Tuner Module Quick Installation Guide**

P/N:TP03 G03-1731TVQS REV.1. All Information in this quick installation guide may change from time to time without prior notice.

## **TV Tuner Module**

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Thank you for purchasing TV tuner module. Please make sure the following accessories are included in the package. Contact your dealer if anything is missing.



Optional TV Tuner



S-Video Cable







PAL System I to I Dungle



RCA to Phone Jack Cable



NTSC System PH to F Dungle



**Remote Control** 

#### **Hardware Installation**

1. The step by step installation of TV tuner module on 17" TFT LCD monitor is described below.



2. First, remove the plastic back cover by pushing clips in two sides .



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3. Locate pin connector on the TV tuner and the pin connector on monitor indicated.



4. Slide the TV tuner module into the right side of the spare space of the back of monitor, and gently plug the optional TV tuner into the connector mentioned at Step 3 .





5. Screw to fix TV tuner module on the supporting sheet metal and re-install the color back panel.





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6. Insert the RCA video signal cable into VIDEO port, and the other side to RCA Video output on sources such as DVD player.....





7. Insert the S-Video signal cable into S-IN port, and the other side to S-Video output on sources such as DVD player.....



8. Insert the TV signal cable into TV port, from the local cable TV system provider.....



9. Congratulations again! You've done an incredible job and can start to enjoy it.

### OSD (On-Screen Display) Menu Mode (TV/CATV )

Step 1. Press the MENU to access OSD, then press the ADJUST buttons to select option from the menu bar on top of OSD. The TV/CATV mode screen display is shown as in Figure 1.



Step 2. Press the MENU button under TV/CATV mode to access options listed. Press the ADJUST buttons for choosing among the options. Select COUNTRY option first and press MENU again to enter COUNTRY selection. Use ADJUST buttons to choose the country or area you are located and press EXIT to confirm. You will see 5 a blank screen and the tuner will be set to proper local system as selected. (OSD menu will disappear after EXIT pressed.)



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Step 3. Repeat Step1and then press the MENU button under TV/CATV mode. Press ADJUST button to highlight AIR-CABLE option, then press MENU again to enter AIR-CABLE selection as shown in Figure 3. Press ADJUST button to select the signal options, TV or CATV. (OSD menu will disappear after setting is done.)



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Step 4. Repeat the Step 1. Press MENU button under TV/CATV mode, and then press ADJUST button to choose CH SEARCH-ING option. Press MENU again to enter CH-SEARCHING selection as shown in Figure 4. Press ADJUST button to select YES, and system will start to search for the signals of all channels.



Step 5. When selected channel signals displaying is unstable, repeat Step1and press MENU button under TV/CATV mode, then press ADJUST buttons to choose CH FINE TUNE option. Press MENU again to enter CH FINE TUNE selection as shown in Figure 5. Press ADJUST buttons to adjust the displaying signals of selected channel.



## **OSD Country Comparison Table**

COUNTR	Y
USA W. EUROPE GERMARY U.K-H.K SINGAPORE	JAPAN ITALY CHINA SECAM DK KOREA
CATV	SECA

OSD ICON	To be suitable for use Country
USA	North America, Taiwan, Canada, Philippines
JAPAN	Japan
WEST EUROPE	Austria, Spain, Holland, Thailand, Iceland, Norway, Sweden, Finland, Denmark, Switzerland, Portugal, Australia, New Zealand
ITALY	Italy
GERMANY	Germany
CHINA	China
SECAM D/K	SECAM DK SYSTEM Country
U.K-H.K	United Kingdom, Hong-Kong
SINGAPORE	Singapore, Malaysia
KOREA	Korea

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#### **Remote Control**

Use the remote control by point toward the IR sensor window.

#### Notice:

1. The remote may not work properly during the low battery condition.

2. Do not place the remote under direct sunlight or area with high humidity. If the remote control fails to operation, replace the battery in the remote control.

#### Notice:

Insert battery (Lithium battery) with its terminals corresponding to the <+>and <-> indications in the battery compartment.

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## MCU UPDATA





1. Plug the printer cord to the computer's printer port and the other side to Tooling card as it shows above.

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2. Plug the R.G.B cable to the analogs port and the other side to Tooling card as it shows above.



3. Insert the DC cable to (DC in) port, and make sure it is ready for power on. However, don't turn on the LCD right now.



4. Run " Easy Writer" on your desktop

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鑬, Novatek Easyl	Writer V2.0	_ 🗆 🗵
<u>F</u> ile <u>R</u> un	Option	
🗁 Load Hex	Set Speed OFF	View Hex
	Support MCU type	Read
Novatek Eas Information f	syWriter V2.0 ile (ezwriter.ini) V1.0	
	No File loaded	0

5. Choose the correct CUP speed then close that window.

<b>©.</b> Novatek EasyWr File Run (	iter V2.0 Option		_D×
🕞 Load Hex	ISP ON		View Hex
			Read
Novatek Easy Information file	Writer V2.0 a (ezwriter.ir	ii) ∨1.0	×
SetupForm Manual Adjus I CPU Clock	t IIC speed-	 1924	
Auto Detect II Press key a	C speed nd waiting 5	~50 Seconds	-
	Auto detec	t	



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6. Click the "Auto" to start update.

File	itek Easy Run	Writer V2.0 Ontion		>
E Lo	ad Hex	ISP ON		View Hex
— =- Ai	uto	Erogram		Read
Check	Sum:	FD96		
NT68 Chip E Progr	F63/F6 Erase ( aming	5 Detected DK. Success!!!		
NT68 Chip E Progr ISP O – Aut	F63/F6 Erase ( aming FF. to proc	5 Detected OK. SuccessIII ess Finished -	-	

8. When "Auto process Finish", the new firmware has been fully installed.

7. Click the "Load File" to open the new firmware (JW560A.omf.hex) and you need to update file.



9. IF pop up error message windows as it shows above, Please check below steps:

Step 1: chech connect DSP 25Pin cable from ISP board to PC parallel port

Step 2: check connect VGA cable from ISP board to Monitor VGA input connector

Step 3: check input DC power supply is correct

Step 4: check adjust to CPU clock speed is correct

Step 5: check load \*.HEX file is correct

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