

FT-710 DVI Damaging Methods:

- 1) HDMI 'media' protocols being sent to the radio (CEC, HEC, eARC, ARC, etc)

Solution:

Media Protocol pins are disconnected (13, 14, 19)
Pin 19 switch to enable optional HPD
(with the risk of eARC being sent)
Recommended: Off

- 2) +5v line being over drawn by adapter (500mA max)

Solution:

In-Line 314mA self-resetting fuse
Should trip before the internal resettable fuse

- 3) RF feedback into radio

Solution:

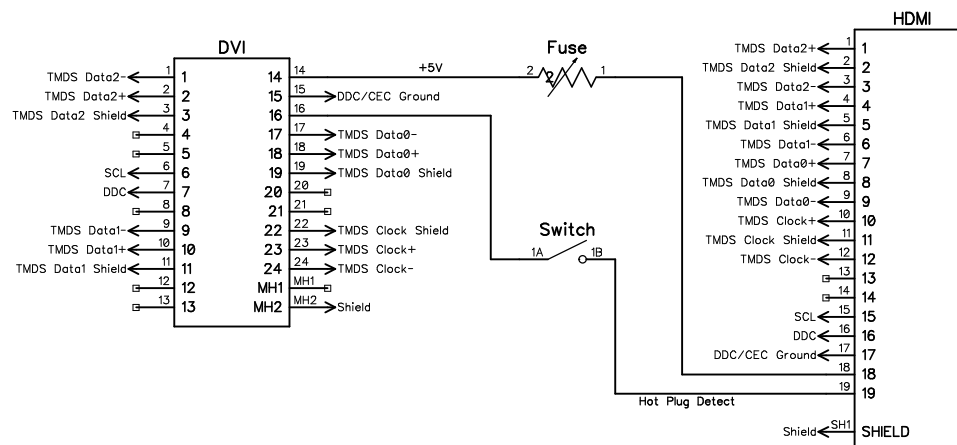
- a) Use very short M-M HDMI Adapter/Cable
- b) Use high quality choked DVI cable for length of the cable run

This is all based on my own reserach
of HDMI protocols, forum post, and some
correspondence with Yaesu Tech Support

Yaesu did NOT provide the pinout guide
Yaesu does not endorse this solution
Yaesu has not tested this solution

USE AT YOUR OWN RISK/COMFORT!

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



#	Name	Manufacturer	Quantity	Part Name
1	74320-9004	Molex	1	DVI
2	YM120D370N100	AMPHENOL ADVANCED SENSORS	1	Fuse
3	2000-1-1-20-00-BK	CNC TECH LLC	1	HDMI
4	DS01-254-L-01BE	CUI Devices	1	Switch

Designed By hamMUSings		FT-710 Video Adapter		
Date Feb 25, 2024		NOT Guaranteed Protection Use At Your Own Risk/Comfort!		
	SIZE	FSCM NO.	DWG NO.	REV 4.0
	SCALE		Sheet 1	