

Samsung UExxEH45 53 ES55 57 58 U78A.pdf

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service menu

https://wiki.samygo.tv/index.php?title=Service_Menu

Enter service menu: UE,LE models:INFO MENU MUTE POWER

This has to be pressed fast, within second or two. To disable sound, select HDMI input.

T-MST10PDEUC-2007.0
T-MST10PDEUS-1002
E-Manual:XTDVBEUE-1042

EDID SUCCESS
HDCP SUCCESS
CALIB: AV / COMP / PC / HDMI /
Option: 40A6AF0D,EU,5450,NONE
FactoryCS: 0x5ce5c95
T-MSXDEUCIP-1000

Onboot : 1003
SDAL-3.63.0.0
RFS:*X10P 0072
2016-04-01
FUNC-TAG-ERR

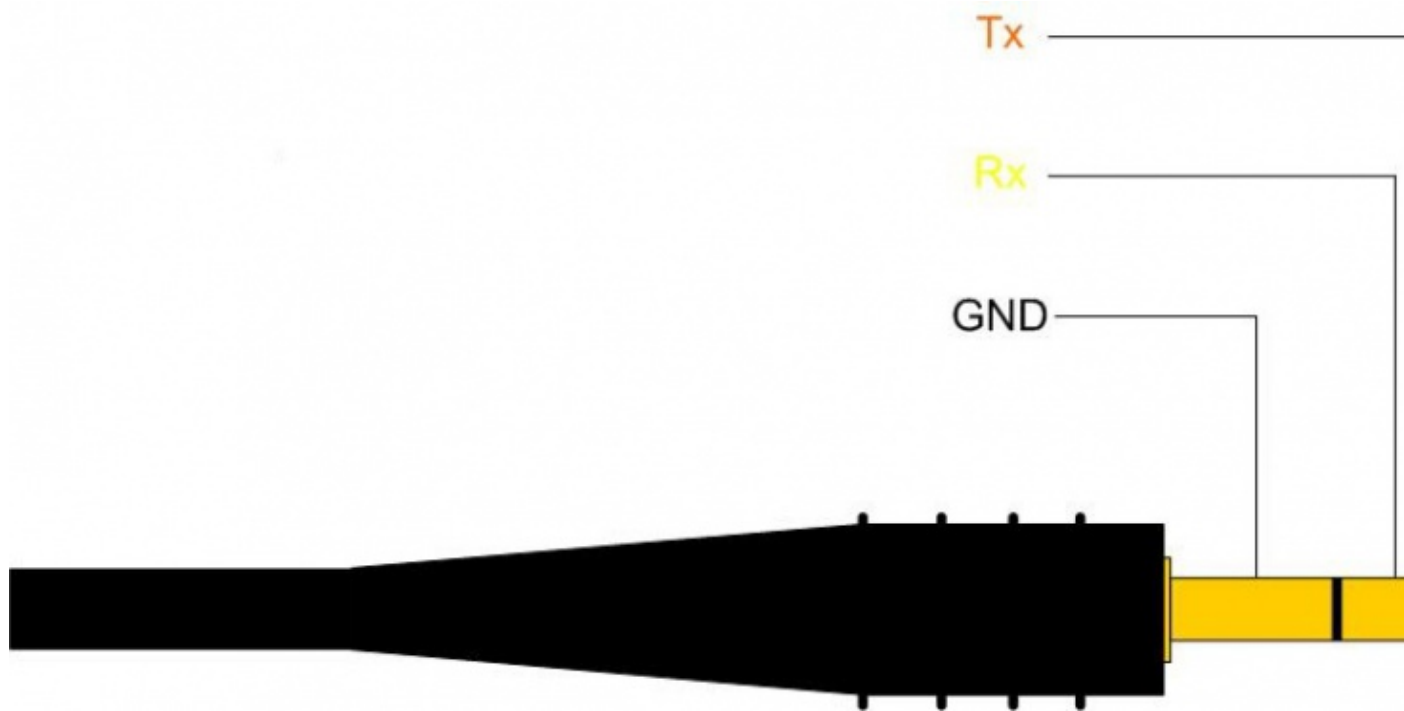
Type: 40A6AF0D
Model: UE40EH5450
Wired MAC ----
CIP SUCCESS
DRM : ----
Factory Data Ver : 216
EERC Version : 2124
DTP-AP-COMP-945-X10P_DEU-107
DTP-BP-HAL-0381-X10P_DEU-204-01
DTP-BP-0874-42
POP-FLA-12-0009.19
Date of purchase : 1/4/2019

Sigh, I did reset with default PIN 0000 before entering service menu, so counter and date is reset.

I also changed Control > Sub Option > RS-232 Jack -> Debug

Ex-Link Cable (service port TTL serial)

https://wiki.samygo.tv/index.php?title=Ex-Link_Cable_for_C/D/E_Series_and_BD_players



3.5mm jack "service" on TV:

- 1 - tip - Tx
- 2 - ring - Rx
- 3 - ring - GND

If you have TRRR jack, just use first three pins. Others are not connected to anything in TV. To find ground pin check continuity between your jack breakout and USB connector. One you found ground, pins from it towards tip are Rx and Tx.

I also measured Rx and Tx pins which were around 3.3V, so safe to connect to usb serial.

dump of serial console

It's 115200 8n1 3.3V serial console:

<samsung-UE40EH5450-serial.txt.gz>

top-debug menu

https://wiki.samygo.tv/index.php?title=Top_Debug_Menu:_TDM

Console unlock and TDM codes

MStar (Series 5 & 6):

1198282
20089999

Just blindly start typing numbers:

20089999

```
=====
[ TOP Debug Menu]
-----
1  : SubSystem Print On/Off
2  : Platform Print Setting
3  : TD Print Setting
4  : Performance Print Setting
5  : Sdal Print Setting
6  : Sdal Trace Setting
11 : TD Debug
12 : SubSystem DBG
13 : SubSystem Info Print
21 : Louvre Print Setting
30 : Auto Lock DEG
-----
70 : Jade Debug
80 : PVR Debug
81 : CSP debug
=====
99 : Exit
=====
```

service manuals

<http://tel-spb.ru/tv/samsung-ue40eh5450>