

Russian → English



Technical portal of Russian radio arr

Имя

Пароль

Entrance

Help

Registration

CQHAM.RU



Мини-лаборатория
радиолюбителя OSA10

Forum

Diaries

What's new?

Photo Gallery

Reviews

Messages for the day

Reference

Calendar

Community

Forum Options

Navigation

Advanced Search

Forum TECHNICAL FORUMS ON CQHAM.RU Modification of radio stations

Quansheng uv-k5 on the range 23cm 1297 MHz

If this is your first visit, check out the forum help. You must be registered to post messages. To view messages, select a forum.

Page 3 of 6

First

1

2

3

4

5

6

The last one

Subject: Quansheng uv-k5 on the range 23cm 1297 MHz

Showing 21 to 30 of 57

Share...

Theme Options

Search by topic

20.12.2023, 08:59

#21

er1ak



Registration :
22.08.2006




Address : KN47MA


Messages : 505


Call sign : ER1AK

It looks like in the video that I gave he was transmitting via PTT, and the IJV firmware does not have a panorama, and this is bad.

73! Vladimir.


| | | |
|--|--|---|
| 25.02.2024, 15:59 | | #22 |
| Sergei12 ◉  Registration : 21.01.2008 Address : Belarus Messages : 22 | | http://www.hamskey.com/2024/01/intro...1p-cw.html?m=1 Author of the firmware CW-KD8CEC <hr/> Work makes you free, and a hobby makes you happy! |
| 23.05.2024, 14:30 | | #23 |
| EW6D ◉  Registration : 13.09.2003 Address : Vitebsk KO55BD Messages : 368 Call sign : EW6D | | Hello, everyone!! Today I started rebuilding one of my two "Kvashas" to 1296 MHz, using the recipe described here. First I flashed it with the updated version of the firmware from the 2nd post. By the way, which of the firmwares did the topic starter improve? There are 2 different ones in the archive. After flashing it, I wanted to try and enable transmission. There will be at least some level at the output without rebuilding? At least at the chip? It writes DISABLE when transmitting at any frequency from 1260 to 1300 MHz and beeps nastily. Is this how it should be until I rebuild the output circuits? In theory, it should not track the transmitter output... <hr/> 73!!!! Vitaly (ex EW6BA) |
| 23.05.2024, 14:45 | | #24 |
| XENOMORPH ◉  Registration : 13.12.2009 Messages : 1,626 | | The old firmware most likely left a transmission lock. While holding the PTT button and the button below, turn on the power. In the menu (long press of the M button), select TX ALL ENABLED, and in the remaining TX items, set ON. The latest firmware firmware_LAST_bin.rar |
| Thanks from EW6D , RX3AFE | | |

| | | |
|---|--|-----|
| 23.05.2024, 16:22 | | #25 |
| EW6D ◉ | | |
|  | | |
| Registration : 13.09.2003 Address : Vitebsk KO55BD Messages : 368 Call sign : EW6D | | |
| Thank you very much!! Everything worked!! Now I will do the most painstaking work.. | | |
| <hr/> | | |
| 73!!!! Vitaly (ex EW6BA) | | |

| | | |
|--|--|-----|
| 28.05.2024, 20:40 | | #26 |
| EW6D ◉ | | |
|  | | |
| Registration : 13.09.2003 Address : Vitebsk KO55BD Messages : 368 Call sign : EW6D | | |
| Hello everyone! Today I prepared all the necessary tools, even a field indicator, and decided to do some rebuilding - resoldering the Kvansheng board using the example from the topic starter. But I ran into the fact that the soldering was done using lead-free technology, i.e. very refractory solder is used during soldering. I tried to unsolder one capacitor, I heated it from all sides with a soldering iron for about 5 minutes, somehow I unsoldered it and one track even came off the board. I soldered it back and thought that I couldn't do it. At work, I often have to repair various devices soldered with refractory solder, using lead-free technology (damn it...). There is only one way out - raise the temperature of the soldering iron tip and use a lot of flux, which burns out faster at a higher temperature. I use a soldering station... But experience shows that the board starts to burn and deform. And considering that the largest SMD element there is 0603 size, I did not risk it, I am afraid to spoil it. Can you share your experience, how did you manage to unsolder so many elements?? Rose alloy would help, but not in such small solderings. I am surprised, how do they solder modules from Aliexpress there instead of the FM receiver microcircuit?? Maybe there are Kvashi boards soldered using conventional technology, with conventional solder? | | |
| <hr/> | | |
| Last edited by EW6D; 28.05.2024 at 20:50 . | | |
| 73!!!! Vitaly (ex EW6BA) | | |

| | | |
|-------------------|--|-----|
| 29.05.2024, 09:28 | | #27 |
|-------------------|--|-----|

uk8adi ◉



Registration :
31.01.2009
Address : Tashkent
Messages : 849
Call sign : UK8ADI

Message from EW6D

Rose's alloy would help, but not in such small rations.


Why not? Well, if not Rose, then add something else!

73! UK8ADI Sergey

Thanks from EW6D

29.05.2024, 11:40 #28

XENOMORPH ◉



Registration :
13.12.2009
Messages : 1,626

95% soldered with a regular hair dryer as part of a soldering station.
Nozzle (tip) 5 mm, + correctly selected temperature. In some places soldered with a soldering iron (sharp, original, multilayer tip).
Experience is needed, I agree. You can't burn the button substrate, and you can't melt the display plastic, although I completely desoldered the display.

Practice "on the cats" of other, unnecessary boards.

Thanks from EW6D

29.05.2024, 12:35 #29

R1AIT ◉



Registration :
18.06.2008
Address : Saint Petersburg
Messages : 2,489

Kapton tape, again, to the rescue. Cover what needs to be left.
There may be surprises with Rose alloy. It tends not to mix with the rest of the solder and spreads over the surfaces, which leads, subsequently, to the fact that something, with not strong heating, may fall off.


R1AIT / OH7FUV ex RA1AIT, UB5LQJ, UB5-077-1242

Thanks from EW6D , RX3AFE

29.05.2024, 17:51

#30

er1ak



Registration :
22.08.2006


Address : KN47MA

Messages : 505

Call sign : ER1AK

Everything is correct to practice on other boards, there is also a paste that makes balls on the processor, I work with a hair dryer with a thin nozzle and I heat the soldering iron from both sides in turn. Oh well, I also have to remake, there was a video of the satcom remake, you can watch it. And so, J-antenna for 23 cm, I bought cables for GPS antennas for experiments, though a long time ago, placed in cambric from an electric cable, hot glue at the bottom.

Miniatures



73! Vladimir.

Thanks from EW6D , RX3AFE



« Previous Topic | Next Topic »

Information about the topic

This topic is viewed by: 2 (users: 0, guests: 2)

Similar topics

| | |
|---|---|
| Quansheng TG-UV2+ from R1AIT in the section Transceivers, receivers HF/VHF | Answers: 14 Last post: 24.11.2022, 14:38 |
| Tell me software for QUANSHENG TG-K4AT from UN7FEI in the section Transceivers, receivers HF/VHF | Answers: 11 Last post: 08.03.2022, 18:26 |
| Deaf Quansheng TG-K4AT? by LZ3DA in the section Technical Office | Answers: 10 Last post: 03.07.2020, 15:17 |
| QUANSHENG TG-UV by uy2ub in the section Modification of radio stations | Answers: 22 Last post: 21.12.2018, 21:29 |
| Baofeng UV-5R, WOUXUN KG-UV6D or Quansheng TG-UV2 by Rulya in the section Technical office | Answers: 164 Last post: 12/14/2017, 07:51 PM |

Your rights

You cannot create new topics.

You cannot reply to topics.

You cannot attach

BB codes On

Smileys On

[IMG] code On.

[VIDEO] code On

attachments.

You cannot edit your messages.

HTML CODE ON

[Forum Rules](#)

-- Russian (RU) ▾

[Feedback](#) [CQHAM.RU](#) [Archive](#) [Up](#)

Current time: 20:22 . Time zone GMT +3.

Powered by [vBulletin®](#) Version 4.1.12

Copyright © 2025 vBulletin Solutions, Inc. All rights reserved.

Translation: [zCarot](#)

Forum Modifications By [Marco Mamdouh](#)