

MORSERINO-32

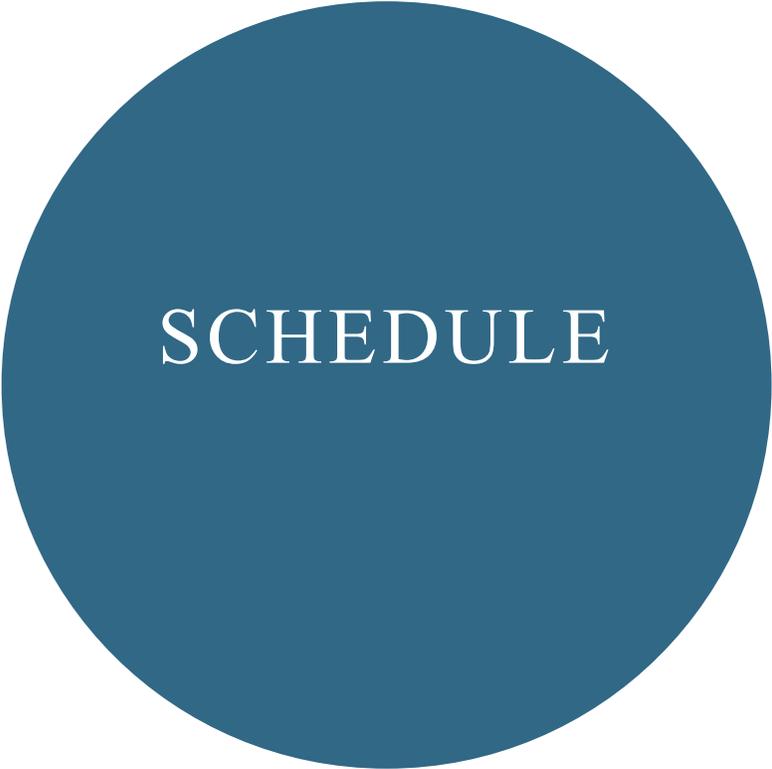
N3GE ROGER

WS4K ERIC

W7DLR DAVE

Multi-functional Morse device:
Keyer, trainer, decoder, transceiver

<http://www.morserino.info>



SCHEDULE

5/15, Session 1 MORSERINO DOCUMENTATION:

Where to source relevant manuals, white papers, firmware upgrades, etc. Review assembly instructions in detail (critical). Inventory and discuss component parts.

5/22, Session 2 MORSERINO ASSEMBLY:

Component part placement & alignment. Discuss critical issues. Demonstrate soldering techniques.

5/29, Session 3 MORSERINO OPERATION:

Demonstrate WiFi setup & various operations. Discuss various White Papers. Assist attendees in setting up their Morserino.



MORSERINO
AVAILABILITY

DIRECT FROM AUSTRIA:

<https://morserinoshop.site44.com>

use **LICW-M32-DISCOUNT**

USA KITS:

N3GE

Roger.Burkhart@1973.USNA.com

USA ASSEMBLIES:

WS4K

ericskennard@msn.com



WEEKLY
GROUP
MEETING

JOIN US WITH QUESTIONS

Sun 10:00 AM ET (1400 UTC):

Morserino Users Group

Roger N3GE Eric WS4K Dave W7DLR

[Zoom A](#)



MORSERINO
DROP BOX

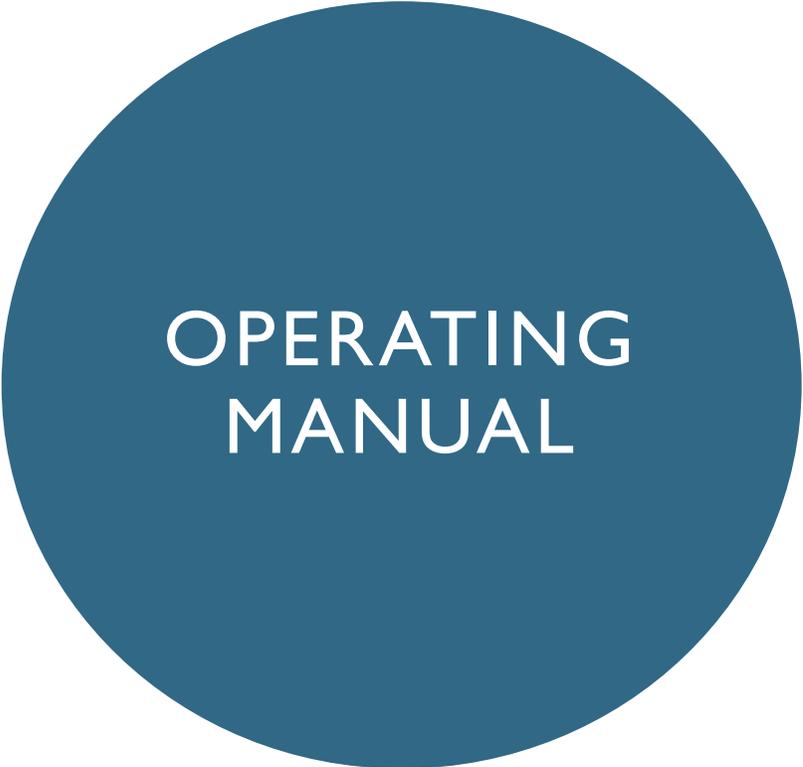
LICW SOURCE FOR EVERYTHING MORSERINO

- https://www.dropbox.com/sh/j63lkeqnuqI9wr5/AADC8PIR4LtSHQiL3xsQ_tQa/19%20Morserino/White%20Papers?e=2&subfolder_nav_tracking=1&dl=0



WHITE
PAPER
DOWNLOAD

- [https://groups.io/g/LongIslandCWClub/files/Mors
erino%20White%20Papers](https://groups.io/g/LongIslandCWClub/files/Mors+erino%20White%20Papers)



OPERATING MANUAL

HOW TO USE IT

[https://github.com/oe1wkl/Morserino-32/blob/master/Documentation/](https://github.com/oe1wkl/Morserino-32/blob/master/Documentation/User%20Manual/Version%205.x/m32_user-Manual_v5.pdf)
[User%20Manual/Version%205.x/m32_user-Manual_v5.pdf](https://github.com/oe1wkl/Morserino-32/blob/master/Documentation/User%20Manual/Version%205.x/m32_user-Manual_v5.pdf)



LATEST
FIRMWARE

TAKE A LOOK AT THE FIRMWARE WHITEPAPER

https://github.com/oe1wkl/Morserino-32/blob/master/Software/binary/m32_v5.1.ino.wifi_lora_32_V2.bin



**PARTS
NEEDED**

CABLE:

https://www.amazon.com/gp/product/B07H91JTCD/ref=ppx_yo_d_t_b_search_asin_image?ie=UTF8&psc=1

BATTERY

<https://www.amazon.com/TATTU-380mAh-Battery-6-Port-Charger/dp/B01N74S3LO>

//or//

[Amazon.com: URGENEX 3.7V Lipo Battery 750mAh 25C Rechargeable 5 Pack Lipo Batteries with Molex Plug 5 in 1 Charger for Syma X5 X5SW X5C X5C1 RC Quadcopter Drone Spare Parts : Toys & Games](https://www.amazon.com/URGENEX-3.7V-Lipo-Battery-750mAh-25C-Rechargeable-5-Pack-Lipo-Batteries-with-Molex-Plug-5-in-1-Charger-for-Syma-X5-X5SW-X5C-X5C1-RC-Quadcopter-Drone-Spare-Parts-Toys-&Games)

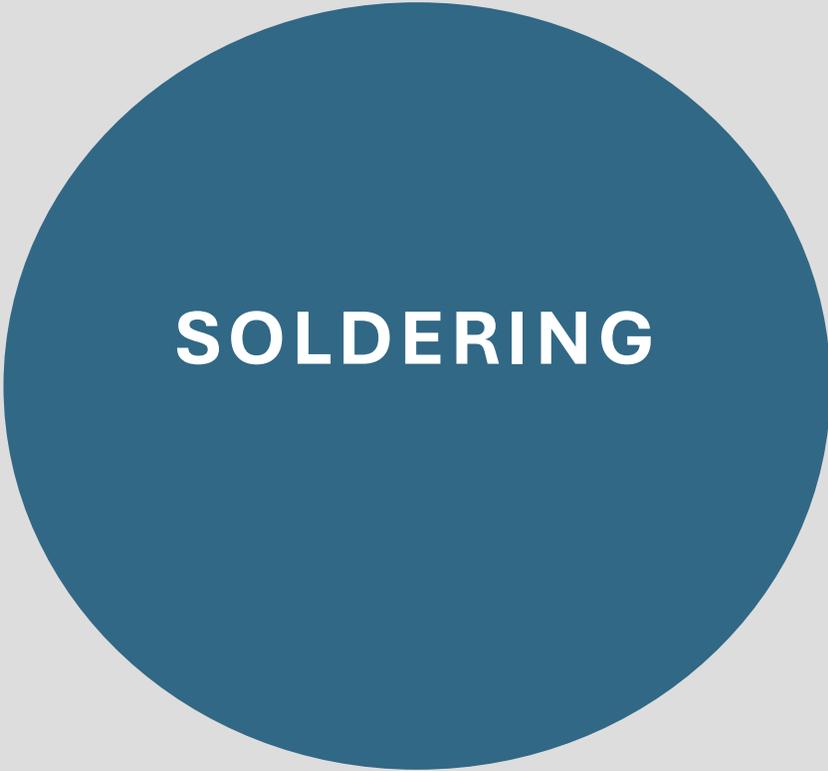
OPTIONAL CASE

THINGIVERSE

W7DLR HAS FREE DOWNLOAD CASE PROGRAM
<https://www.thingiverse.com/thing:5399370>

//or//

PRINTED CASE: Duff@wa7bfm.com



SOLDERING

SOLDERING IRON

<https://www.homedepot.com/p/Weller-70-Watt-120-Volt-Digital-Corded-Soldering-Station-with-Precision-Iron-WLSKD7012A/320356147>

Brass sponge to clean tip

[Weller Soldering Brass Sponge Tip Cleaner with Silicone Holder - WLACCBSH-02 - Amazon.com](#)

SOLDER

https://www.amazon.com/gp/product/B001W2XZOS/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&psc=1

//or//

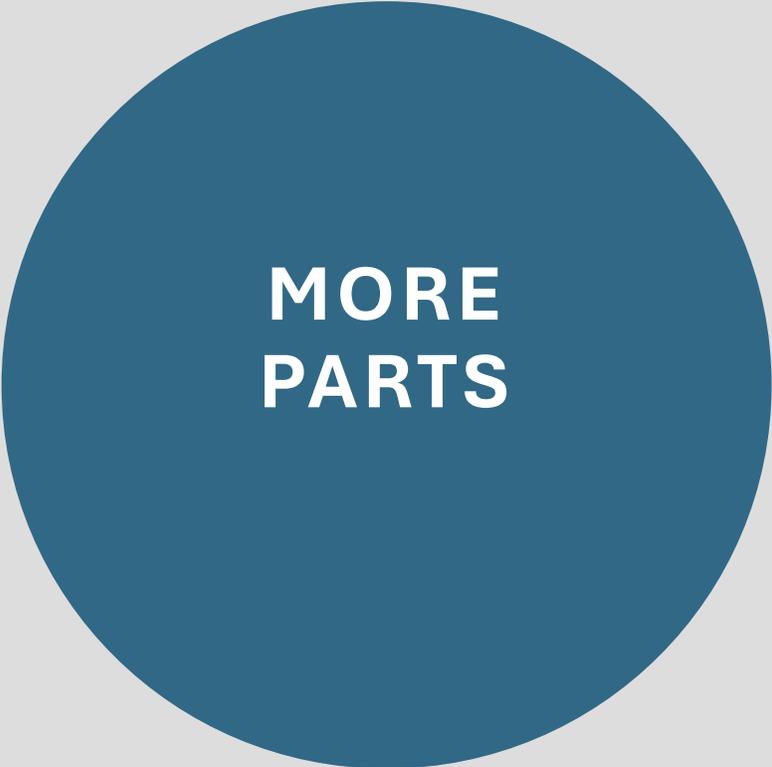
[Kester solder 44" Rosin Core #66/44 .8mm 1 lb. Spool: Other Products: Amazon.com: Tools & Home Improvement](#)

FLUX

[CAIG LABORATORIES, ROSIN SOLDERING FLUX \(Electrical\), Jar, 56 grams, Pack of 1: Amazon.com: Tools & Home Improvement](#)

DESOLDERING PUMP

https://www.amazon.com/dp/B0CFTGBV79?psc=1&ref=ppx_yo2ov_dt_b_product_details



**MORE
PARTS**

SOLDERING STATION

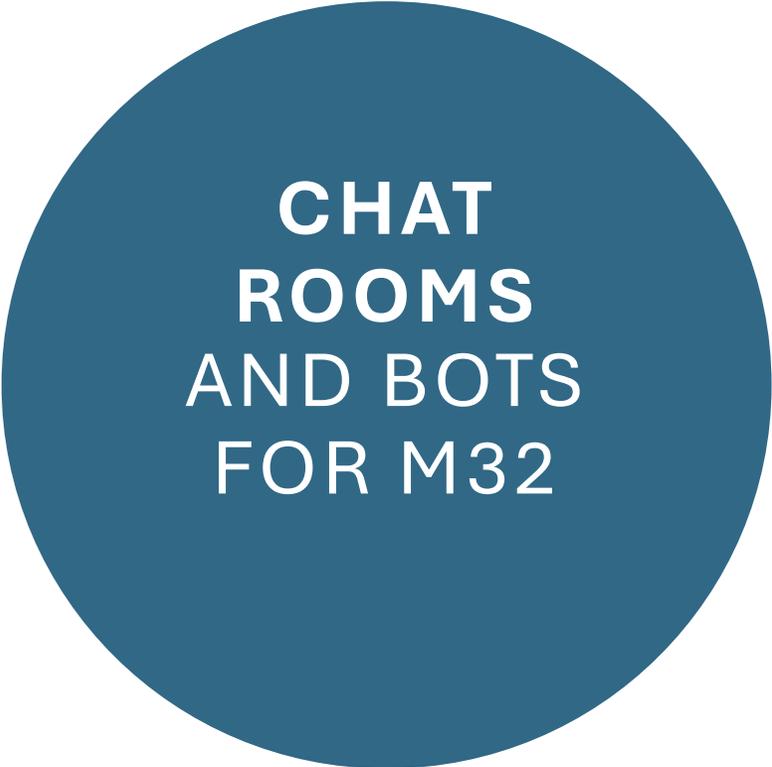
Magnetic Helping Hands Soldering Station, Adjustable 360°
Flipping with 3x Magnifying Glass 2 Flexible Gooseneck Arms,
Circuit Board Holder for Clamping PCB, Soldering, Desoldering and
Repair - Amazon.com

//or//

https://www.amazon.com/DEVMO-Adjustable-Soldering-Assembly-Rotation/dp/B08FR12PWX/ref=pd_ci_mcx_pspc_dp_d_2_i_2?pd_rd_w=nm913&content-id=amzn1.sym.568f3b6b-5aad-4bfd-98ee-d827f03151e4&pf_rd_p=568f3b6b-5aad-4bfd-98ee-d827f03151e4&pf_rd_r=9TWE6ZFY24FEF1JXDWVF&pd_rd_wg=WLCaO&pd_rd_r=496a2879-9381-4b93-b10f-a08e0e16ef69&pd_rd_i=B08FR12PWX

Splitter for encode decode jack

Amazon.com: NANYI 2PCS Black Headphone Splitter Headphone
Microphone Adapter, U Shape 3.5mm 4 Pole Male to 2 x 3 Pole
Female Headphone Y Splitter for Audio Stereo Headphones and
MIC for Phone, Computer, MP3 : Electronics



**CHAT
ROOMS
AND BOTS
FOR M32**

WIFI COMMS FOR THE MORSERINO

CQ.MORSERINO.INFO (37.252.189.197) (LIVE QSOs)

QSOBOT.ONLINE (87.106.82.46) (ROBOT QSOs)

QUIZBOT SERVER (51.81.187.163) Quiz questions that you send back answer

Morserino.ok5mv.cz (live QSOs)

M32.BOUGHTON.NET (3.83.25.215) (LIVE QSOs)

[Morserino CW Trainer \(tegmento.org\)](http://tegmento.org)

The Tegmento is a website that lets you see what is keying on the Morserino. It will be used to help visually impaired users.



YOUTUBE
BUILD
VIDEO

FOLLOW MICHAEL AS HE BUILDS HIS

<https://www.youtube.com/watch?v=ESdLB0SSeQs>

MICHAEL KE8AQW



ASSEMBLY
MANUAL

TAKE TIME TO READ THE MANUAL

[https://github.com/oe1wkl/Morserino-32/blob/master/Documentation/Assembly%20Instructions/Detailed%20Assembly%20Instructions.md](https://github.com/oe1wkl/Morserino32/blob/master/Documentation/Assembly%20Instructions/Detailed%20Assembly%20Instructions.md)

https://github.com/oe1wkl/Morserino32/blob/master/Documentation/Assembly%20Instructions/Images/M32_Components.png