

Hvordan sette opp N1MM+ til NRRL's Vintertest

Oppsett av N1MM+

Begynner med å laste ned N1MM+

- N1MM+ kan lastes ned her: https://n1mmwp.hamdocs.com/downloads/n1mm-full-install/
- Begynn alltid med å laste ned og installere fullstendig installasjon.
- Følg instruksjonene under installasjonen.
- Installerer alltid N1MM+ på anbefalt folder: <u>C:\Program Files (x86)\N1MM Logger+</u> (Da slipper du problemer senere.)



• Under første oppstart av N1MM+ er det normalt at det vil laste ned en eller flere oppdateringer. Godta disse oppdateringene.

Eksempler

• I denne presentasjonen brukes følgende eksempler:

- Contest: NRRLs Vintertest
- Transceiver: ICOM IC-7300
- Andre contester og andre transceivere vil ha lignende oppsett.



Stasjonsdata

• Begynn med å legge inn stasjonsdata.



Call history UserText appears here when enabled.

No Score

0

		_
	Configure Ports, Mode Control, Winkey, etc	
⇒	Change Your Station Data	
	Logger+ Audio Setup	
	Manage translations	
~	Enter Sends Message (current mode) CtI+M	
	Automatically Spot New S&P QSO's	
~	QSYing Wipes the Call & Spots QSO in Bandmap (S&P)	
	Grab Focus From Other Apps When Radio is Tuned	
	Do Not Automatically Switch to Run on CQ Frequency	
~	Show Non-Workable Spots and Dupes in Bandmap	
	Reset RX Freq to TX when QSO is Logged (Run & Split)	
	Sub Receiver Always On Ctrl+Alt+D	
	CQ Repeat Alt+R	
	Set CQ Repeat Time (ms) (1800)	
	Maximum Repeat/Dueling CQ Duration (0 = unlimited)	
	CW / PH AutoSend Threshold	
	Enable Call History Lookup	
	Change CW/SSB/Digital Function Key Definitions	
	Change Band Plan	
	Manage Skins, Colors and Fonts	
	Change Operator Callsign Stored in Log Ctl+O	
	Change Exchange Abbreviations	
	SO2R	
	WAE	
	Clear *.ini File Settings	
	SO2V Dual Receive	

Stasjonsdata

- Informasjon om deg:
- Kallesignal
- Epostadresse
- Transceiver
- Antenne
- Etc...

Edit Station Inf	ormation X
Call Name Address Address	LA80KA Tip: You need to fill out this form or the program will not perform properly Also, make sure your computer date and time are set to the LOCAL date and time zone for your location.
City	Slattum State Zip 1480
Country	NORWAY
Grid Square	JP50KA CQ Zone 14 ITU Zone 18
License	A Latitude 60.0208 N \sim Longitude 10.8750 E \sim
Station TX/RX	ICOM IC-7300 Power 100
Antenna	Dipole Ant. Height 10 a.s.l.
ARRL Section	DX
Rover QTH	
Club	LA40
Email address	arcticpeak@yahoo.no
	Ok Help Cancel

Valg av Contest

- Eksempel: Vinterstesten.
- Gå til «File».
- Velg «New Log in Database».

18	100.00 A	AFSK-R I	C-7300 V	/FO A									Х
File PH	Edit	View	Tools	Config	Win	dow Snt	Help		Rcv		Exch		
160 80													
40	• •) () F	Run 🔾	S&P									
15	F1 Sa	&P CQ	F	2 Exch		F3 S	pare	F4	LA80KA	F5 His (Call	F6 Spare	e
10	F7 Rp	t Exch	F	8 Agn?		F9 Z	lone	F1	0 Spare	F11 Spa	are	F12 Wip	e
	1	Esc: Stop	р	Wipe		Log It		Edit	Mark	Store	Spot It	QR	z

No Score

0

Heading appears here when enabled.

Call history UserText appears here when enabled.

≎	New Log in Database: ham.s3db
	Open Log in Database: ham.s3db
	New Database
	Open Database
	Convert N1MM Database to N1MM+
	Copy This Contest to Another Database
	Copy All Contests to Another Database
	Generate Cabrillo File
	Import
	Export
	1 CQ160CW (2025-01-24 22:00:00)
	2 SARTGNYRTY (2025-01-04 00:00:00)
	3 NRRLTELEFO (2024-11-16 00:00:00)
	4 NRRLTELEFO (2024-11-16 00:00:00)
	5 NRRLNFD (2024-11-16 00:00:00)
	6 NRRLNFD (2024-09-07 00:00:00)
	7 NRRLNFD (2024-09-07 13:00:00)
	8 NRRLNFD (2020-09-05 00:00:00)
	9 NRRLNFD (2023-10-07 00:00:00) in C:\N1MM\Databases\fielddaymanager.s3db
	Exit Alt+F4

Velg contest

- Skriv NRRL....
- Rull ned i menyen.
- Velg: NRRLVINTER
- Operator: Velg klasse
- Power: Velg effekt
- Mode: Velg modulasjon
- Sent Exchange: Skriv #
- Operators: Kallesignal



• Finn ut hvilken COM-port radioen din bruker.

Bluetooth og enheter > Enheter										
ſ	_yd									
l	4	USB Audio CODEC •	~							
	Ω	WH-H900N (h.ear) Paret Koble til	~							
	\Box	WH-XB910N Paret Koble til	~							
ſ	Andre e	nheter								
l		Silicon Labs CP210x USB to UART Bridge (COM3) •	~							

Enhetsbehandling -										
Fil Handling Vis Hjelp										
LA8OKA-Martin S Andre enheter			1							
> 🔯 Batterier			- 11							
> 🗑 Biometriske enheter	> Biometriske enheter									
> 🚯 Bluetooth			- 11							
> 📃 Bærbare enheter			- 11							
> 💻 Datamaskin			- 11							
> 🚘 Diskstasjoner			- 11							
> 🛺 Enheter for menneskelig grensesnitt			- 11							
> 📔 Fastvare			- 11							
> 🧕 Kameraer			- 11							
> 🝇 Lagringskontrollere			- 11							
> 🖣 Lyd-, video- og spillkontrollere			- 11							
> 🖣 Lydinnganger og -utganger			- 11							
> 📗 Mus og andre pekeenheter			- 11							
> P Nettverkskort			- 11							
✓ ■ Porter (COM og LPT)			- 11							
Silicon Labs CP210x USB to UART Bridge (COM3)			- 11							
Standard Serial over Bluetooth link (COM5)			- 11							
Standard Serial over Bluetooth link (COM6)			- 11							
Programvareenheter										
> Frogramvarekomponenter										
> Prosessorer										
> Skjermer										
			-							

• Eksempel: IC-7300



- Velg COM port
- Velg radio
- Trykk på «Set»

Config	urer)
Hardware	Functi	on Keys	Digital Mo	odes	Oth	her	Winke	ey Mo	ode C	ontrol	Antenna	is Sc	ore Repo	orting	Broadcast Data	WSJT/JTDX Setup
Port		Radio			Digi	CW/	Other	Details		IP A	ddr:Port	C	\$01V	0	S02V 🔘 S02R	
None	~	TS-590)	~				Set								
None	~	Elecrat	ft KX3	~				Set								
None	~	FT-817	t I	~				Set								
None	~	Elecrat	ft K2	~				Set								
None	~	None		~				Set								
COM3	~	IC-730	0	~				Set						1152	00,N,8,1,DTR=CW,	RTS=Always Off,T
None	~	None		~				Set								
None	~	None		~		\Box		Set								
LPT1								Set								
LPT2						\bigcirc		Set								
LPT3								Set								
		1	ок			С	ancel					н	elp			
				_		-		-				-				

- Sjekk innstillingen i menyen på radioen din.
- Speed: Baudrate
- Parity: Vanligvis N
- DataBits: Vanligvis 8
- StopBits: vanligvis 1 eller 2
- I det gule vinduet vises anbefalte innstillinger for valgt radio.

Com3								2
Speed		Parity		DataB	Bits	Stop	Bits	1
115200	~	N	~	8	~	1	~	L
DTR (pin 4)		RTS (pin 7)		Icom C	ode (he)	k) Rad	lio Nr	L
CW	~	Always Off	~	94		1	~	J
PTT Delay (msec)	Radio Pollir	ng Ra	te		-	_	
30		Normal		~				
Two Radio None	Protoc ~	Dig ol FootSwit None	T via i Mod tch (p	Radio C le: Do n pin 6)	command tot reset	d Digita radio (l Mode codec	
Suggested I 9600 - 1920 DTR RTS sh Set the radio Set the radio	com Se 0, N, nould b to the CI-V	ettings: 8, 1, Always e Always On e same speed Transceive op	Off, with or au tion t	Always a COM to-bauc o OFF.	s Off, Ic port pov d.	om He: vered i	x Code interfac	e.
Help					0		Cance	1

Sette opp Spektrumdisplay

 Fungerer bare på enkelte ICOM transceivere og diverse eksterne SDR mottakere, f.eks. SDRPlay.

• ICOM: Man må ha «SCOPE» aktivert.

18	100.00	AFSK-R I	C-7300 \	/FO A	L							Х
File PH 160	Edit	View	Tools	Config	Window Snt	Help		Rcv		Exch		
40 20	• •	P CQ	Run O	S&P	F3	Spare	F4	LASOKA	F5 His 0	all	F6 Spare	•
15	F7 R	pt Exch Esc: Stop	i b	F8 Agn? Wipe	F9 Log	Zone It	F	10 Spare Mark	F11 Spa Store	spot It	F12 Wipe	e Z

Heading appears here when enabled.

Call history UserText appears here when enabled.

Available Mult's O's Bandmap Check CW Key Ctl+K CW Reader **Digital Interface** Entry Window Gray Line Info Log Ctl+L **Move Multipliers** Multipliers Network Status Score Summary Skeds Spectrum Display Telnet Visible Dupesheet WSJT Decode List Load WSJT/JTDX

0

Sette opp Spektrumdisplay

- Høyre klikk med muse på sort bakgrunn.
- Velg «Settings»



	Windows	Þ						
	Relay options	٢						
~	Show lowest frequency at the bottom of display							
~	Show Waterfall							
*	Show NoiseFloor As Line							
~	Show Instantneous Signal Levels							
~	Snap to Signal							
	Zoom spots while tuning							
~	Force focus to Entry Window 1 when changing frequency							
	Signal Decay Speed	×						
	Round SSB Sigs to nearest 0.5 kHz							
	Only Jump to Signals Heard in Last Second							
	Toggle Background Color							
	Allow Setting Fixed Edges (Icom only)							
	Scrolling Options	۲						
	Set Fixed Freq							
	Remove this Spot							
	Reset Radios							
	Show Stats							
	Permanently delete this window							
	Settings							
	Help							

Sette opp Spektrumdisplay

• Velg hvilken SDR mottaker du har.

For ICOM IC-7300, velg Icom Level Data – Radio 1

Spectrum Setup for IC-7300 Radio 1

Spectrum Source	Source Options	General Options					
 N1MM SDR Server External (WB, Flex, etc) Airspy HF+ SpyServer IC-7610 I/O via ETDI dll 		Display Bins 1024 ~ Show frequencies based on: Radio 1 Radio 2					
 Icom Level Data - Radio 1 Icom Level Data - Radio 2 		Spectum Orientation: Auto Show these spots: All Show only spots you can hear Image: Show only spots you can hear	~				
		Show Red Signal Markers All OK Cancel	~				

Х

Kringkasting av loggdata

 Dersom man bruker et annet loggprogram som hovedlogg kan N1MM+ kringkaste data til det andre loggprogrammet.

37	770.00 USB Manua	al - VFO A	₽ –	- 1		×
File CW 160 80 40 20 15 10	Edit View Edit View F1 Qrl? F7 Spare Esc: Stop Heading ap Call histo	Tools C	onfig Window Help Configure Ports, Mode Control, Winkey, etc Change Your Station Data Logger+ Audio Setup Manage translations Enter Sends Message (current mode) Ctl+M Automatically Spot New S&P QSO's QSYing Wipes the Call & Spots QSO in Bandmap (S&P) Grab Focus From Other Apps When Radio is Tuned Do Not Automatically Switch to Run on CQ Frequency		Repea 2 Wipe QRZ	t
CW Mo	de ESM is ON.		Reset RX Freq to TX when QSO is Logged (Run & Split)		6	302 ,;

Configurer	_	×
	45	
Hardware Function Keys Digital	Modes Other Winkey Mode Control Antennas Score Reporting Broadcast Data	WSJT/JTDX Setup
Select the type of data you wis Use 127.0.0.1 for the local mac 255 in the low order octet will t	in to broadcast, and the the IPAddress(es) and port(s) for the receiver(s) of the data. hine. Use 12060 as the port unless the receiving application requires a different port. proadcast to your current subnet.	
Type of data	IP Addr:Port IP Addr:Port	
Application Info	127.0.0.1:12060	
Radio	127.0.0.1:12060	
₽		
Contacts 🗌 All Computers	127.0.0.1:12060	
Spots	127.0.0.1:12060	
Rotor	127.0.0.1:12040	
Score	127.0.0.1:12060	
External Callsign Lookup	127.0.0.1:12060	

Rapportere score underveis.

- Man kan rapportere score underveis i contesten.
- Resultatene vises på: https://contestonlinescore.com/contest/

37	70.00 USB Manua	I - VFO A	Ç	<u></u>		×
File	Edit View	Tools Co	onfig Window Help		4	
CW			Configure Ports, Mode Control, Winkey, etc			
160			Change Your Station Data			
80	-		Logger+ Audio Setup			
40	🔴 🔴 🔿 Ru	n O	Manage translations			
20	54.0-10	~	Enter Sends Message (current mode) Ctl+M			
15	F1 Qri?		Automatically Spot New S&P OSO's		кереа	
10	F7 Spare	F	OSVing Wines the Call & Spots OSO in Bandman (S&P)		12 Wipe	
	Esc: Stop		Cosh Easure Franz Others Anna Wilson Padia is Turned		QRZ	:
	Heading app	pears	D N LA L N L C C L L C C C C			
	Call histor	ry Us	Do Not Automatically Switch to Run on CQ Frequency			
		~	Show Non-Workable Spots and Dupes in Bandmap			
CW Mod	le ESM is ON.		Reset RX Freq to TX when QSO is Logged (Run & Split)		6	302 .::

🔛 C	onfig	urer								×
								₩.		
Hardw	vare	Function Keys	Digital Modes	Other	Winkey	Mode Control	Antennas	Score Reporting	Broadcast Data	WSJT/JTDX Setup
 	Repor	t Real-Time Scor e real time QSO (e to Server 🗲 data for real time	e scoring	ĺ	Ex Exe	clude band b	reakdown		
	Sco	ore Reporting Ser	rver			_				
	SCO	re distributor ser	ver			<u>~</u>				
	Sco	ore Reporting Use	ername	Score R	eporting F	assword	Update In	terval (mins)		
							5 🗘			
	Asc	ore will be report a network while	ted if the correct	t data is inated ma	provided aster (non	above. In additio -master stations	n, the progra	am must either run wed to send score	stand-alone	
			being the deelg							

Kjør contest



Duplikat

 Dersom man får rød tekst DUPE betyr det at man har kjørt stasjonen tidligere!



Åpne loggvinduet.

 Å ha loggen åpen under contesten gjør det enkelt å se at man faktisk har logget siste stasjon.

18	100.00 /	AFSK-R I	C-7300 V	FO A	Û							×
File	Edit	View	Tools	Config	Window	Help						
PH					Snt			Rcv		Exch		
160												
80												
40	• •) O F	Run 🔘 🗄	S&P								
20												
15	F1 S	&P CQ	F	2 Exch	F3 S	pare	F4	LA80KA	F5 His (Call	F6 Spare	
10	F7 R	pt Exch	F	8 Agn?	F9 Z	Zone	F1	0 Spare	F11 Spa	are	F12 Wipe	
		Esc: Sto	p	Wipe	Log It	6	Edit	Mark	Store	Spot It	QR	Z
1	Heading appears here when enabled.											

Call history UserText appears here when enabled.

0

Available Mult's O's Bandmap Check CW Key Ctl+K CW Reader **Digital Interface** Entry Window Gray Line Info Log Ctl+L **Move Multipliers** Multipliers Network Status Talk to Another Station (Ctrl+E) Score Summary Skeds Spectrum Display Telnet **Visible Dupesheet** WSJT Decode List Load WSJT/JTDX

Loggvindu

• Her kan man sjekke at man har logget stasjonen.

21.02.2025 22.15.23Z CQ Worl	d-Wide 160 Mete	er DX Contest - Phone	e - ham.s	3db	1 <u>7</u>		×
DD-MM HH:MM	Call	Freq	Snt	Rcv	Exch	M1	F÷
21-02 22.04	LY4A	1850.00	59	59	15		LY
21-02 22.08	LX1NO	1853.04	59	59	14		LX
21-02 22.12	SP8R	1869.00	59	59	15		SP
21-02 22.13	OK1W	1874.00	59	59	15		OK
21-02 22.14	SQ9Y	1879.00	59	59	15		SP
21-02 22.14	SQ9Y	1879.00	59	59	15		SP

Åpne scorevinduet

18	100.00	AFSK-R I	C-7300 V	FO A	Л							×
File	Edit	View	Tools	Config	Window	Help						
PH					Snt			Rcv		Exch		
160												
80												
40	• •	0	Run 🔘	S&P								
20												
15	F1 S	&P CQ	F	2 Exch	F3 :	Spare	F4	4 LA80KA	F5 His C	all	F6 Spare	е
10	F7 R	pt Exch	F	8 Agn?	F9	Zone	F	10 Spare	F11 Spa	re	F12 Wip	е
		Esc: Sto	р	Wipe	Log	t	Edit	Mark	Store	Spot It	QR	z
1	Headi	ing a	ppears	here	when e	nable	d.					
	Call	hist	ory Us	serText	appea	rs he	re wł	nen enab	led.			

No Score

0

CW Reader **Digital Interface** Entry Window Gray Line Info Ctl+L Log **Move Multipliers** Multipliers . Network Status Talk to Another Station (Ctrl+E) Score Summary Skeds Spectrum D Score including Qs and mu Telnet **Visible Dupesheet** WSJT Decode List

Available Mult's Q's

CW Key Ctl+K

Load WSJT/JTDX

Bandmap

Check

Scorevinduet

 Her kan man følge med på resultat etter hvert som man kjører contesten.

Score - 150 Points								
Contest: CQ160SSB Band QSOs 1.8 6 Total 6 Score: 150 1 Mult = 1.2 Q's	Pts 30 30	StP 0 0	DXC 5 5	1 F 22 22				
			Resco	re				

Lage cabrillo-fil.

• I alle contester sendes loggen inn i cabrillo-formatet.

18	100.00	AFSK-R I	C-7300 V	'FO A						<u></u>		Х
File PH 160 80 40	Edit	View	Tools Run 🔾	Config S&P	Window Snt	/ Help		Rcv		Exch		
20	F1 S&P CQ F2 Exch		F3 Spare		F4 LA80KA		F5 His C	all	F6 Spar	e		
10	F7 R	F7 Rpt Exch F8 Agn?		F9	F9 Zone		F10 Spare		re	F12 Wipe		
		Esc: Stop	р	Wipe	Log	t	Edit	Mark	Store	Spot It	QR	z
1	Headi	ing a	ppears	here	when e	enabled	1.					

Call history UserText appears here when enabled.

No Score

0

New Log in Database: ham.s3db Open Log in Database: ham.s3db New Database... Open Database... Convert N1MM Database to N1MM+ Copy This Contest to Another Database... Copy All Contests to Another Database ... Generate Cabrillo File Import Export 1 CQ160SSB (2025-02-21 22:00:00) 2 NRRLVINTER (2025-02-21 13:00:00) 3 CQ160CW (2025-01-24 22:00:00) 4 SARTGNYRTY (2025-01-04 00:00:00) 5 NRRLTELEFO (2024-11-16 00:00:00) 6 NRRLTELEFO (2024-11-16 00:00:00) 7 NRRLNFD (2024-11-16 00:00:00) 8 NRRLNFD (2024-09-07 00:00:00) 9 NRRLNFD (2024-09-07 13:00:00) Alt+F4 Exit

Cabrillo-filen

START-OF-LOG: 3.0 LOCATION: DX CALLSIGN: LA80KA/P CLUB: LA40 CONTEST: NRRL-FIELDDAY CATEGORY-OPERATOR: SINGLE-OP CATEGORY-ASSISTED: NON-ASSISTED CATEGORY-BAND: ALL CATEGORY-MODE: MIXED CATEGORY-POWER: LOW CATEGORY-STATION: PORTABLE CATEGORY-TRANSMITTER: ONE CLAIMED-SCORE: 11220 **OPERATORS: LA80KA** NAME: Martin Storli ADDRESS: Rudbakken 12 ADDRESS-CITY: Slattum ADDRESS-STATE-PROVINCE: ADDRESS-POSTALCODE: 1480 ADDRESS-COUNTRY: NORWAY GRID-LOCATOR: JP50KA EMAIL: arcticpeak@yahoo.no CREATED-BY: N1MM Logger+ 1.0.10024.0 QSO: 21232 PH 2023-09-02 1538 LA80KA/P QSO: 14125 PH 2023-09-02 1548 LA80KA/P QSO: 14182 PH 2023-09-02 1551 LA80KA/P QSO: 14185 PH 2023-09-02 1552 LA80KA/P QSO: 14188 PH 2023-09-02 1553 LA80KA/P QSO: 14220 PH 2023-09-02 1602 LA80KA/P QSO: 14269 PH 2023-09-02 1606 LA80KA/P QSO: 28076 DG 2023-09-02 1610 LA80KA/P QSO: 21079 DG 2023-09-02 1636 LA80KA/P

59	0001	TA3DE	59	0049
59	0002	SV7QNV/P	59	0047
59	0003	M5MK/P	59	0068
59	0004	EI3Z/P	59	0091
59	0005	DM5B/P	59	0131
59	0006	DL50DAH/P	59	0193
59	0007	S54I/P	59	0106
+04	0000	EA7JYN	-13	0000
+04	0000	V31DL	-13	0000