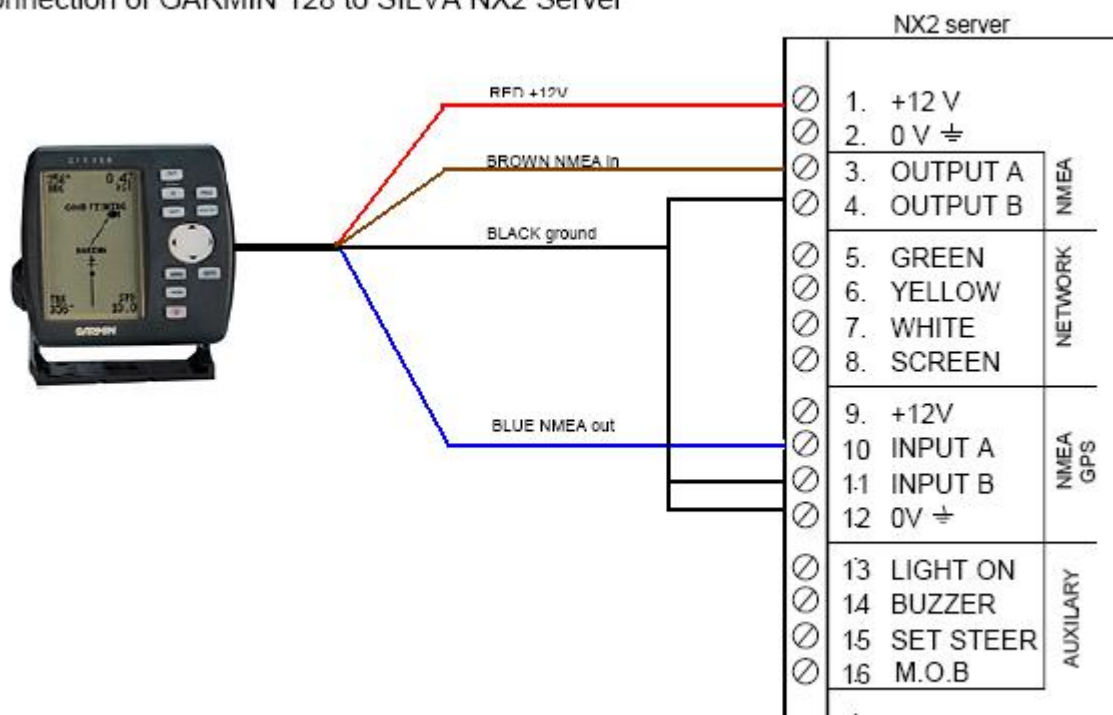


## Garmin og NX2 sammenkobling

Børge Müller har med held sammenkoblet hans Garmin navigator, VHF, Silva NX2 server og PC'er. Vi bringer her hans tegninger over hvorledes det er koblet sammen og hvilke NMEA setencer der udveksles

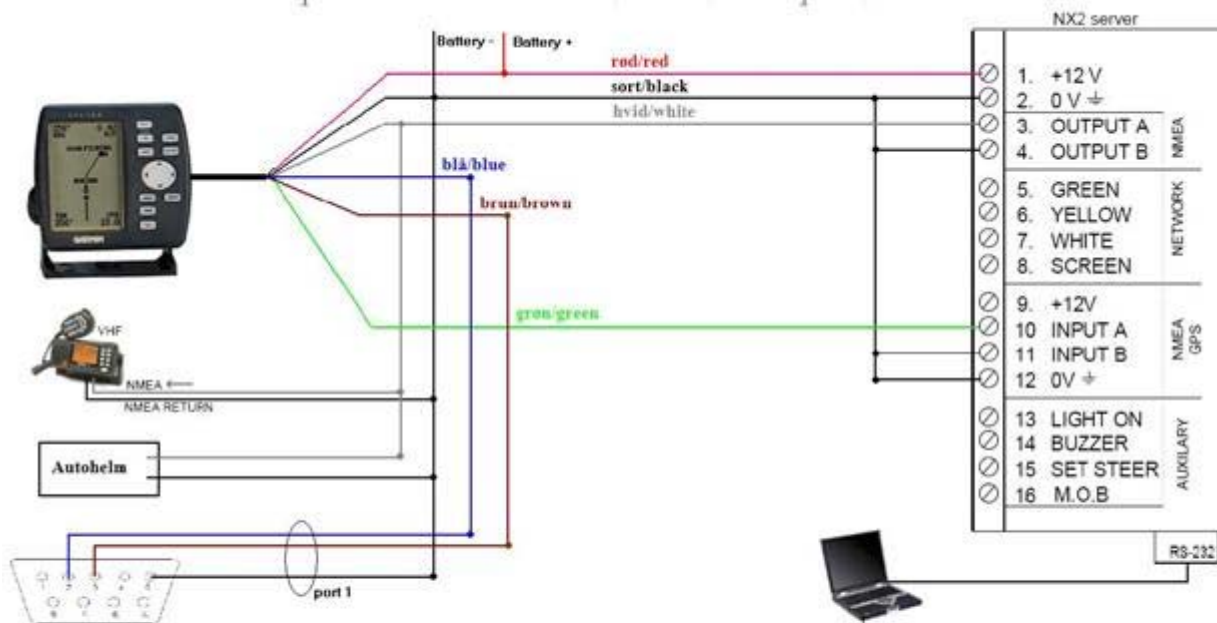
Simpelt opsætning:

Connection of GARMIN 128 to SILVA NX2 Server



Avanceret opsætning:

## Connection of "2-port" Garmin to NX2, VHF, Autopilot, etc



Garmin port 1 setting GRMN/GRMN  
 Garmin port 2 setting NMEA/NMEA  
 NX2 settings, see next document

### NMEA setencer:

Garmin IN	Garmin OUT	NX2 server IN	NX2 server OUT	ST400 IN	OZI IN	MaxSea IN	
		APA	APA	APA			Autopilot A
		APB	APB	APB			Autopilot B
	BOD	BOD	BOD				Bearing to original destination
	BWC	BWC	BWC	BWC			Bearing and distance to waypoint
		BWR	BWR	BWR			Bearing and distance - dead reckoning
		DBT	<b>DBT</b>		DBT		Depth from transducer
DPT		DPT	DPT	DPT	DPT	DPT	Depth
	GGA	GGA			(GGA)	GGA	Satellite statistiks
	GLL	GLL	<b>GLL</b>		(GLL)	GLL	Geographic position
	GSA	GSA	GSA			(GSA)	DOP and active satellites
	GSV	GSV	<b>GSV</b>				Satellites in view
		HDM	<b>HDM</b>				Magnetic heading
		HDT	<b>HDT</b>				True heading
						MTA	Temperature, AIR
						MTB	Barometer
MTW			<b>MTW</b>	MTW		MTW	Temperature, Water
			<b>MWD</b>			(MWD)	Wind, direction and speed

VHW			MWV	MWV		(MWV)	Wind, apparent speed/angle
				RMA		(RMA)	Minimum pos data
	RMB	RMB	RMB	RMB			Minimum nav data
	RMC	RMC	RMC	RMC	RMC	(RMC)	Minimum GPS/rute data
	RTE		RTE				Route
		VDR	<b>VDR</b>			VDR	Set and drift
		VHW	<b>VHW</b>			VHW	Water speed and course
			VLM				Water, log
			<b>VPW</b>				Speed, relative to vind
						VPW	Velocity made good/ over ground
	VTG	VTG	<b>VTG</b>	VTG	(VTG)	VTG	Distance made good/ over ground
		VWR	<b>VWR</b>	VWR		VWR	Wind, apparent speed and direction
			<b>VWT</b>			VWT	Wind, true speed and direction
		WCV	<b>WCV</b>				Waypoint closure velocity
WPL		WPL	WPL			Waypoint location	
XTE	XTE	<b>XTE</b>	XTE			Cross track error	
	ZDA	<b>ZDA</b>				Time and date	
		ZTG				UTC + time to go	

Man kan programmere NX2 fra displayet men der finde også et program til at programmere og calibrere NX2 via RS232 porten: Læs om det på Silvas hjemmeside.

Du skal bruge RS232 udgangen på NX2, den vil altid virke for alle plotter programmer.

Garmin skal bruge port 2 til NMEA I/O fra andre instrumenter. Port 1 bruger jeg til GRMN/GRMN, så kan man op og down-loadere ruter mv via den port.