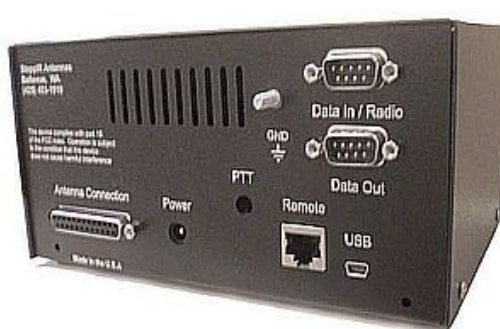


The SDA100 is the new generation of Steppir antenna controller that adds the ability to control relays and to mount the driver board remotely. Some of the improvements are:

- Larger LCD display.
- More flexible band selection.
- One button Retract
- One button control of automatic tracking
- Individual buttons for Normal, 180, and Bi-directional control.



SPECS	Standard Driver	ALP Driver
Display	20 Character LCD Blue back light.	same
Tuning indications	Front panel LED, Optional tuning relay, serial port	same
Firmware Update	USB download	same
Output protection	Static filter	Static filter and Relay disconnect.
Remote Buss, RJ45 jack	RS485 full duplex buss up to 1500 feet using CAT5 cable	same
Driver can be mounted remotely.	No	Yes
Pluggable Drivers	Yes	same
Number of drivers	4	same
Low voltage Detection	16 volts DC	16 VDC on driver board
Input voltage	24 -34 VDC	24-34 VDC (with remote driver controller = 12-34 VDC)
Optional Tuning relay	Yes- Relay Opens when tuning antenna. 175 volt relay.	same
Optional transceiver interface	Yes	same
Optional Relay control	Yes, up to 3	same

Order information	Part number	USA price	Description	Option
SDA100 Upgrade	01329	\$95	Upgrade original controller to a SDA100 on those products that do not normally come with the SDA. Basic Controller With normal Driver Board. Must specify which antenna it will be used with.	Yes
ALP Driver Upgrade	01323	\$200	When Purchasing a SDA controller, replaces the Normal Driver board With the APL Driver Board.	Yes
Remote Driver Kit Upgrade	01324	\$238	Replaces internal Driver (No drivers are installed in the controller box) with a ALP driver, 24 volt supply, Mounting plate, 5 foot CAT5 cable for test.	Yes
SDA100 Purchase	09128	\$422	Basic Controller With normal Driver Board. Must specify which antenna it will be used with.	
Standard Driver	09133	\$80	Standard 4 Motor Driver for SDA.	
ALP Driver Purchase	09130	\$210	For some one that already has a SDA and wants to purchase a APL driver for it.	
Remote Driver Kit	09132	\$248	Purchase a ALP driver, 24 volt supply, Mounting plate, 5 foot CAT5 cable for test.	
Remote Test cable	09135	\$15	5 foot CAT5 crossover cable and Adapter for remote.	
Driver Chip	09139	\$6	Motor Drive Chip for spare or replacement	
SDA Transceiver interface	01321	\$85	Adds two serial ports for automatic frequency following. Can be connected to a computer or supported Radio.	Yes
S00 interface Cable	02101	\$16	Used to connect all ICOM radios (CI-V) to the Steppir Transceiver Interface Data IN	Yes
S12 Interface Cable	02112	\$16	Used to connect TS50, FT847, Flex-Radio to the Steppir Transceiver Interface Data IN	Yes
S13 Interface Cable	02113	\$16	Used to connect FT897, FT990, ORION, K2, K3 to the Steppir Transceiver Interface Data IN	Yes
S14 Interface Cable	02114	\$33	Used to Connect a computer logging program, Radio and Steppir Data In all to the same port. Not need with ICOM	Yes
S15 Interface Cable	02115	\$16	Used to connect Kenwood with ACC1 Serial Port to the Steppir Transceiver Interface Data IN	Yes
S16 Interface Cable	02116	\$16	Used to connect Computer to the Steppir Transceiver Interface Data Out. Has one back shell for old interface.	Yes
S18 Interface Cable	02118	\$16	Used to connect Kenwood RS232 CAT port, FT1000MP, FT2000, FT9000 to the Steppir Transceiver Interface Data IN	Yes
S19 Interface Cable	02119	\$16	Used to connect FT1000 to the Steppir Transceiver Interface Data IN	Yes
Tuning Relay	01322	\$79	Relay board (175 volt isolated output) and connector, Used to prevent the linear from keying while the antenna is adjusting.	Yes
Tuning Relay	09136	\$79	Used to prevent the linear from keying while the antenna is adjusting. With install instructions.	
80M Dipole relay	09137	\$75	Relay board (relay 1) used for the 80M dipole	
DB18 Relay	09138	\$95	Relay board (relay 2,3) used for DB18 Coax switch.	
24 volt supply	09001	\$38	Used for control cable lengths under 200 feet	
33 volt supply	09002	\$82	Used for control cable lengths over 200 feet	
USB cable		\$11	USB A to Mini AB cable.	