

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

Order information	Part number	USA price	Description	Option
ALP Driver	01323	\$200	When Purchasing a SDA controller, replaces the Normal	Yes

<b>Upgrade</b>			Driver board With the APL Driver Board.	
<b>Remote Driver Kit Upgrade</b>	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
<b>SDA100 Purchase</b>	09128	\$422	Basic Controller With normal Driver Board. Must specify which antenna it will be used with.	
<b>Standard Driver</b>	09133	\$80	Standard 4 Motor Driver for SDA.	
<b>ALP Driver Purchase</b>	09130	\$210	For some one that already has a SDA and wants to purchase a APL driver for it.	
<b>Remote Driver Kit</b>	09132	\$248	Purchase a ALP driver, 24 volt supply, Mounting plate, 5 foot CAT5 cable for test.	
<b>Remote Test cable</b>	09135	\$15	5 foot CAT5 crossover cable and Adapter for remote.	
<b>Driver Chip</b>	09139	\$6	Motor Drive Chip for spare or replacement	
<b>SDA Transceiver interface</b>	01321	\$85	Adds two serial ports for automatic frequency following. Can be connected to a computer or supported Radio.	Yes
<b>S00 interface Cable</b>	02101	\$16	Used to connect all ICOM radios (CI-V) to the Steppir Transceiver Interface Data IN	Yes
<b>S12 Interface Cable</b>	02112	\$16	Used to connect TS50, FT847, Flex-Radio to the Steppir Transceiver Interface Data IN	Yes
<b>S13 Interface Cable</b>	02113	\$16	Used to connect FT897, FT990, ORION, K2, K3 to the Steppir Transceiver Interface Data IN	Yes
<b>S14 Interface Cable</b>	02114	\$33	Used to Connect a computer logging program, Radio and Steppir Data In all to the same port. Not need with ICOM	Yes
<b>S15 Interface Cable</b>	02115	\$16	Used to connect Kenwood with ACC1 Serial Port to the Steppir Transceiver Interface Data IN	Yes
<b>S16 Interface Cable</b>	02116	\$16	Used to connect Computer to the Steppir Transceiver Interface Data Out. Has one back shell for old interface.	Yes
<b>S18 Interface Cable</b>	02118	\$16	Used to connect Kenwood RS232 CAT port, FT1000MP, FT2000, FT9000 to the Steppir Transceiver Interface Data IN	Yes
<b>S19 Interface Cable</b>	02119	\$16	Used to connect FT1000 to the Steppir Transceiver Interface Data IN	Yes
<b>Tuning Relay</b>	01322	\$79	Relay board (175 volt isolated output) and connector, Used to prevent the linear from keying while the antenna is adjusting.	Yes
<b>Tuning Relay</b>	09136	\$79	Used to prevent the linear from keying while the antenna is adjusting. With install instructions.	
<b>80M Dipole relay</b>	09137	\$75	Relay board (relay 1) used for the 80M dipole	
<b>DB18 Relay</b>	09138	\$95	Relay board (relay 2,3) used for DB18 Coax switch.	

<b>24 volt supply</b>	09001	\$38	Used for control cable lengths under 200 feet	
<b>33 volt supply</b>	09002	\$82	Used for control cable lengths over 200 feet	
<b>USB cable</b>		\$11	USB A to Mini AB cable.	