

DUAL AUTOPILOT SYSTEM

DP-A400

- Clear and easy-to-see full color LCD 4.3inch
- Separated operation unit and control unit
- Supports connection with GPS-plotter and GPS-compass
- Up to 3 remote controllers can be connected



AUTO PILOT & THRUSTER-PILOT SYSTEM

One unit plays two roles

Camera connection available

BOW & STERN THRUSTER-PILOT SYSTEM

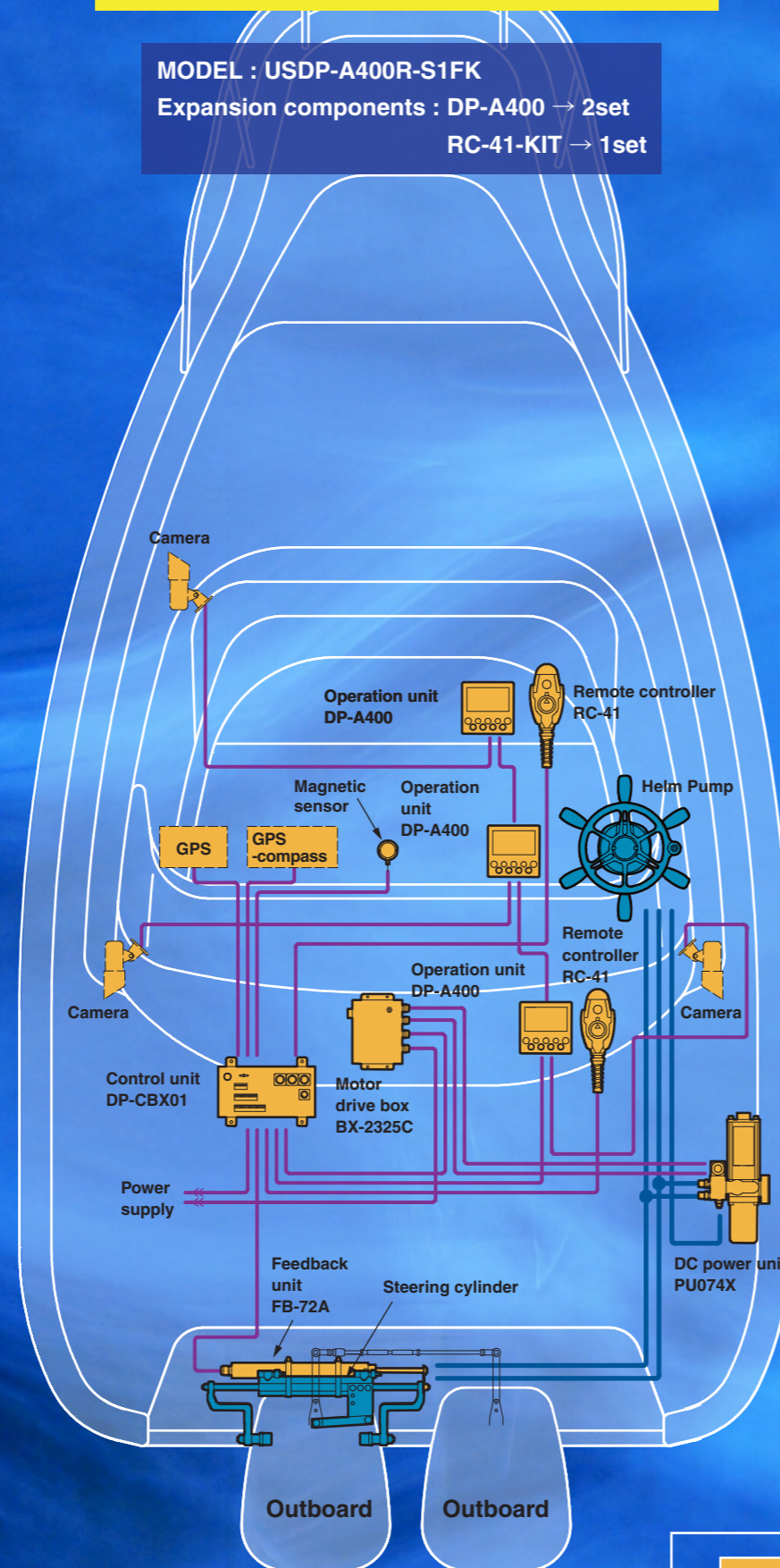


Example1

Small pleasure boat equipped with manual hydraulic steering system

Autopilot function only

MODEL : USDP-A400R-S1FK
Expansion components : DP-A400 → 2set
RC-41-KIT → 1set



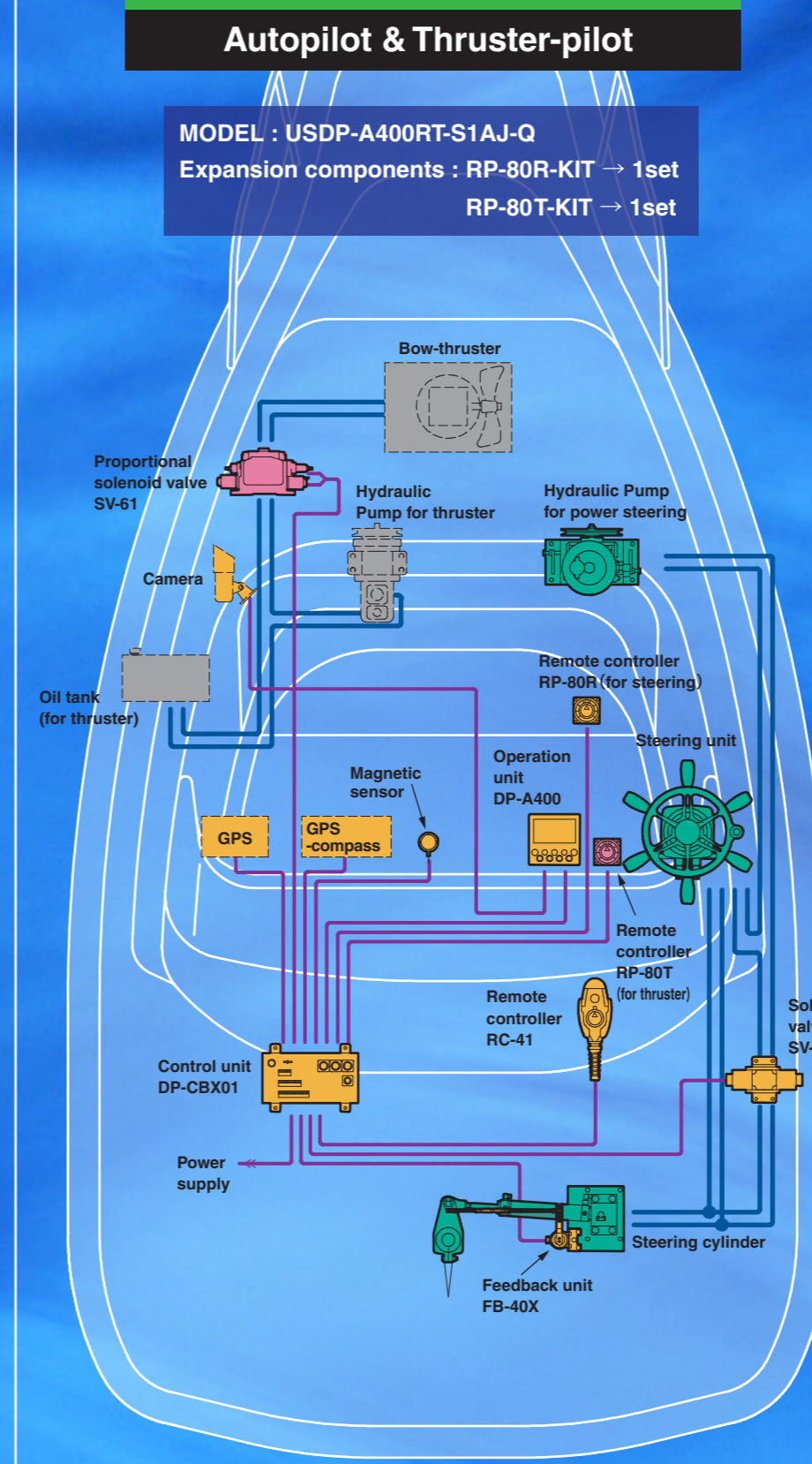
Example2

Large pleasure boat equipped with power hydraulic steering system and working boat

Dual Autopilot function

Autopilot & Thruster-pilot

MODEL : USDP-A400RT-S1AJ-Q
Expansion components : RP-80R-KIT → 1set
RP-80T-KIT → 1set



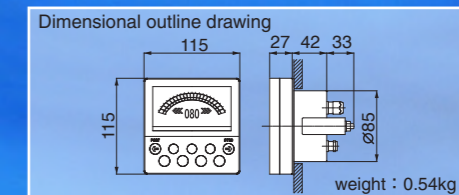
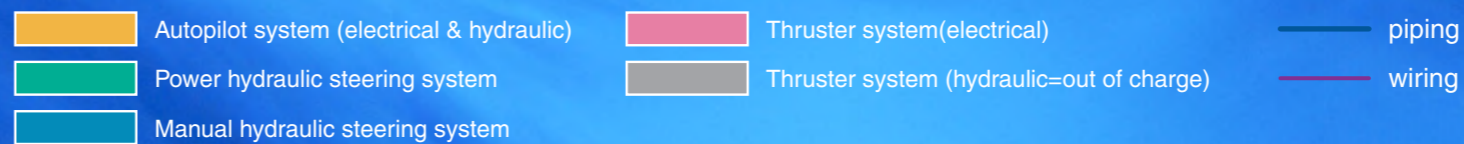
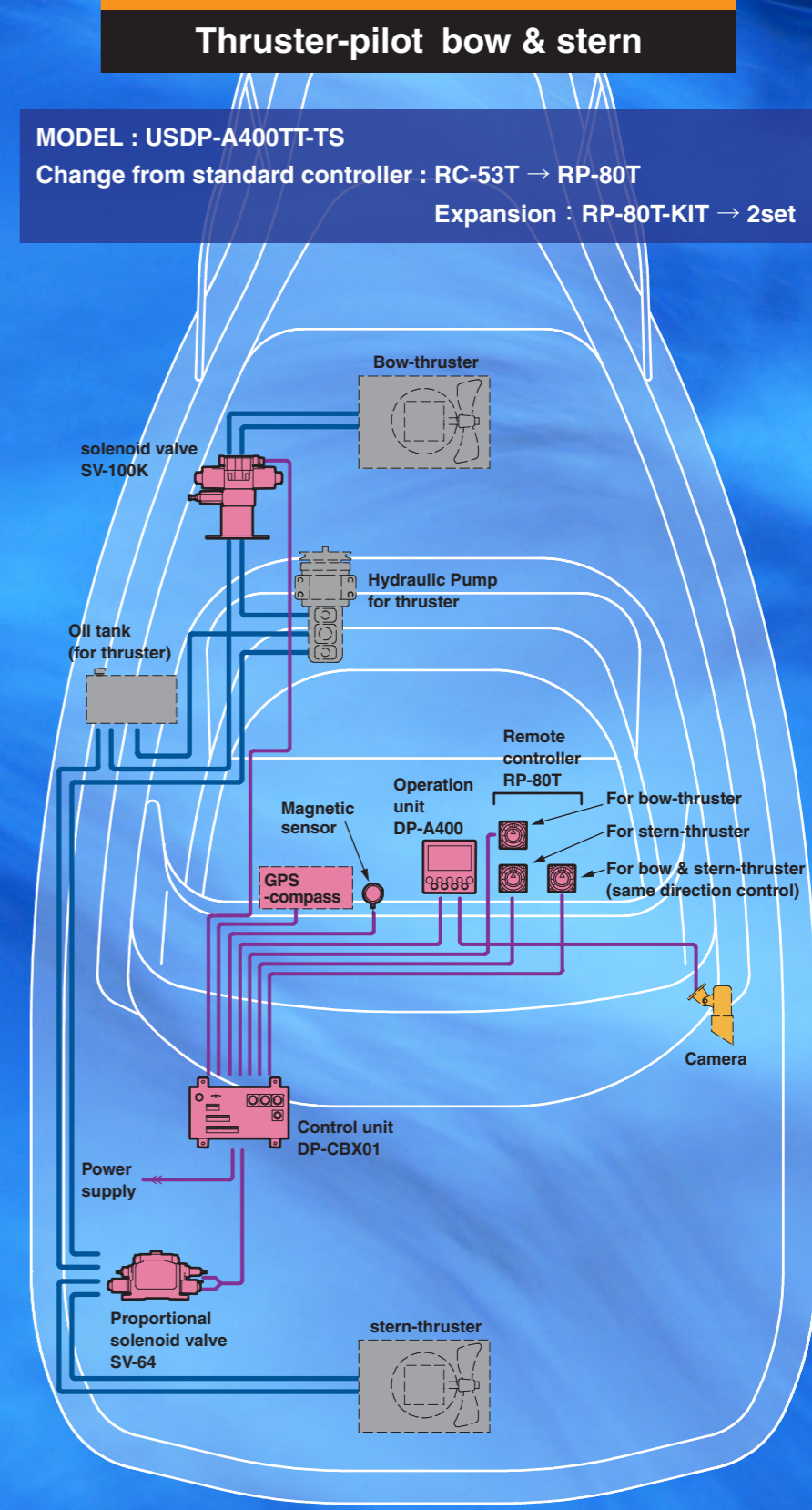
Example3

Large pleasure boat and working boat

Dual thruster-pilot function

Thruster-pilot bow & stern

MODEL : USDP-A400TT-TS
Change from standard controller : RC-53T → RP-80T
Expansion : RP-80T-KIT → 2set



Standard components

Operation unit DP-A400



Control unit DP-CBX01



Magnetic sensor SC-50



Remote controller RC-41



Feedback unit FB-40X

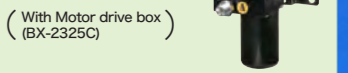


Feedback unit FB-72A



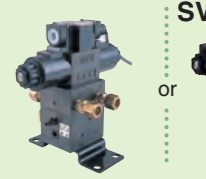
Required for adding autopilot to manual hydraulic steering system

DC power unit PU074X (DC24V) or PU076X (DC12V) (With Motor drive box (BX-2325C))



Required for adding autopilot to power hydraulic steering system

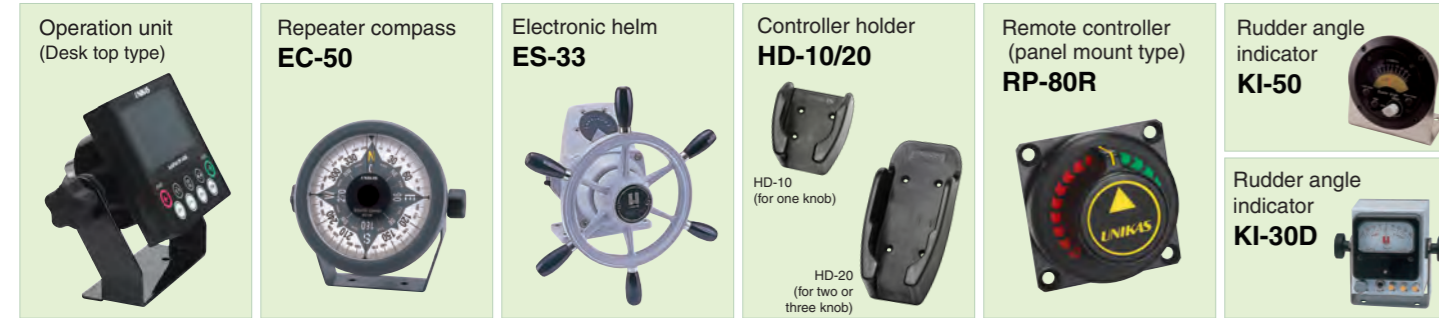
Solenoid valve SV-23



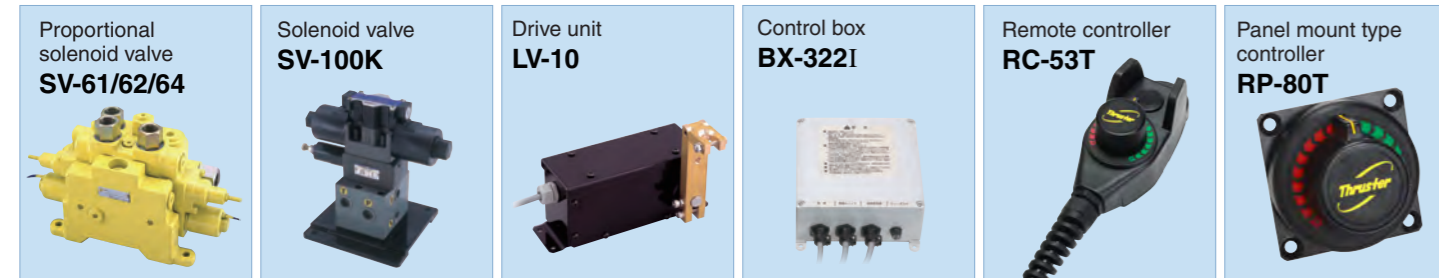
Proportional solenoid valve SV-51



■ Optional equipment <Related to Autopilot>



■ Related to Thruster-pilot system



■ System model & Selection

① Adding to manual hydraulic steering system

MODEL : USDP - A400R -

Magnetic sensor	
Symbol	Magnetic sensor
S1	SC-50
S2	SC-60GM

DC power unit	
Symbol	DC power unit
F	PU074X (24V)
G	PU076X (12V)
H	PU040 (24V)

Feedback unit	
Symbol	Feedback unit
J	FB-40X
K	FB-72A
L	FB-90

② Adding to power hydraulic steering system

MODEL : USDP - A400R -

Magnetic sensor	
Symbol	Magnetic sensor
S1	SC-50
S2	SC-60GM

Solenoid valve	
Symbol	Solenoid valve
A	SV23 (24V)
B	SV23 (12V)
C	SV100 (24V)
D	SV-51

Feedback unit	
Symbol	Feedback unit
J	FB-40X
K	FB-72A
L	FB-90

③ Dual Autopilot System (adding thruster-pilot to USDP-A400)

MODEL : A400RT -

Thruster control system<system2>	
Symbol	Thruster control system<system2>
P	LV-10K
Q	SV-61
R	SV-62
S	SV-64
T	SV-100K
U	Voltage output

④ Thruster-pilot system <single system>

MODEL : A400T -

Thruster control system<system1>	
Symbol	Thruster control system<system1>
P	LV-10K
Q	SV-61
R	SV-62
S	SV-64
T	SV-100K
U	Voltage output

⑤ Dual Thruster-pilot system <dual system>

MODEL : A400TT -

Thruster control system<system1>	
Symbol	Thruster control system<system1>
P	LV-10K
Q	SV-61
R	SV-62
S	SV-64
T	SV-100K
U	Voltage output

Thruster control system<system2>	
Symbol	Thruster control system<system2>
P	LV-10K
Q	SV-61
R	SV-62
S	SV-64
T	SV-100K
U	Voltage output

*Voltage output---Only one system can be output

⑥ Additional kit

NAME	MODEL	
Operation unit	DP-A400	
Remote controller	For steering system	RC-41-KIT
		RP-80R-KIT
	For thruster system	RC-53T-KIT
	RP-80T-KIT	

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* Before products operation, read the attached instruction manuals thoroughly the respective supplied instruction manual.
* The contents of this catalog are subject to change without prior notice.



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DP-A400

