# iCOM

INSTRUCTIONS

CHANNEL EXTENSION MODULES

UR−FR5100
UR−FR6100

Thank you for purchasing the UR-FR5100/UR-FR6100 CHANNEL EXTENSION MODULES.
Please read these instructions and repeater's instruction manual carefully before installation and operation.

SUPPLIED ACCESSORIES

① DC power cable 1
② Control cable...1
③ Angles..2
④ Screws (M4×8 mm)..4
⑤ Set screws (M3×6 mm) 4
⑥ Tapping screws (M3×8 mm)..................................2
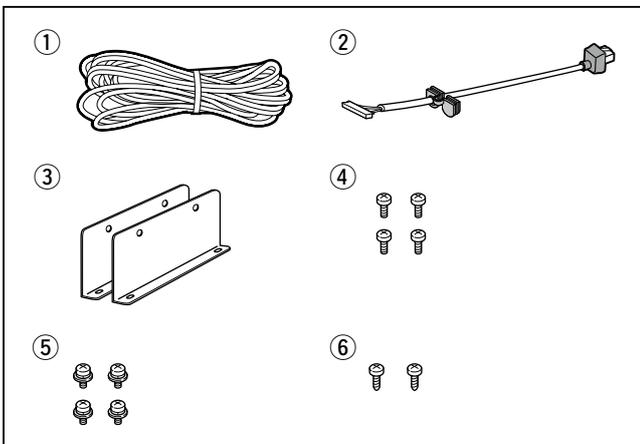
INTENDED COUNTRY OF USE

< Intended Country of Use >
☐AT ☐BE ☐CY ☐CZ ☐DK ☐EE
☐FI ☐FR ☐DE ☐GR ☐HU ☐IE
☐IT ☐LV ☐LT ☐LU ☐MT ☐NL
☐PL ☐PT ☐SK ☐SI ☐ES ☐SE
☐GB ☐IS ☐LI ☐NO ☐CH ☐BG
☐RO ☐TR ☐HR

• **List of Country codes (ISO 3166-1)**

|	Country	Codes		Country	Codes
1	Austria	AT	18	Liechtenstein	LI
2	Belgium	BE	19	Lithuania	LT
3	Bulgaria	BG	20	Luxembourg	LU
4	Croatia	HR	21	Malta	MT
5	Czech Republic	CZ	22	Netherlands	NL
6	Cyprus	CY	23	Norway	NO
7	Denmark	DK	24	Poland	PL
8	Estonia	EE	25	Portugal	PT
9	Finland	FI	26	Romania	RO
10	France	FR	27	Slovakia	SK
11	Germany	DE	28	Slovenia	SI
12	Greece	GR	29	Spain	ES
13	Hungary	HU	30	Sweden	SE
14	Iceland	IS	31	Switzerland	CH
15	Ireland	IE	32	Turkey	TR
16	Italy	IT	33	United Kingdom	GB
17	Latvia	LV			

OPENING CASE

① Remove 7 screws from top and 2 screws each from both sides of the repeater, then slide off the top cover to the direction of the arrow as illustration below.
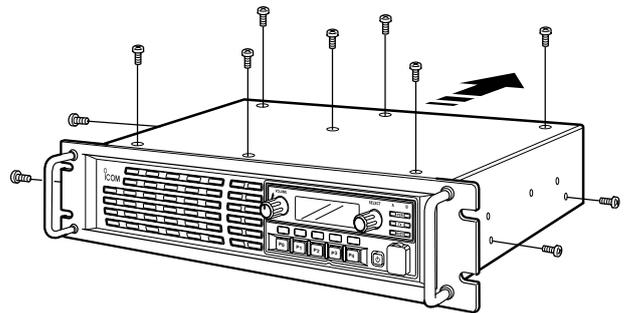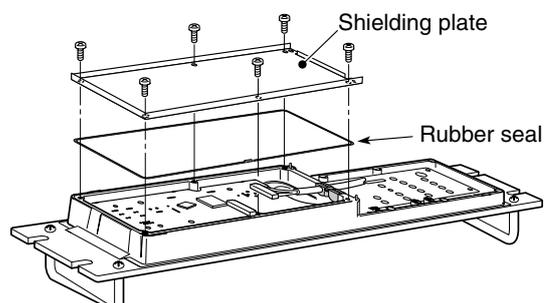

② Remove 3 screws from bottom and 2 screws each from both sides of the repeater.
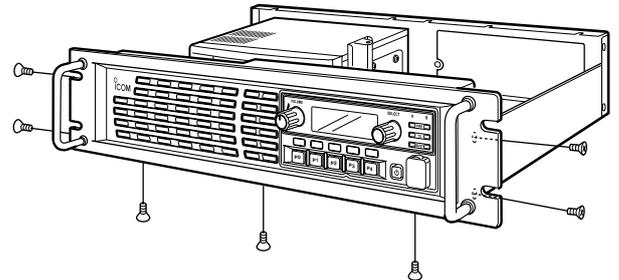
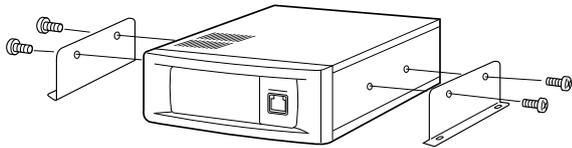③ Disconnect the control cable from the channel module (original), then remove the front panel.

Channel module (original)
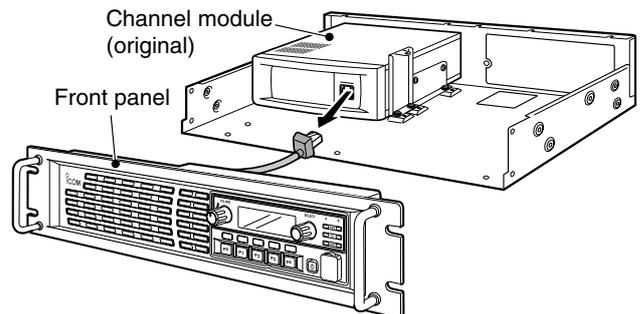
Front panel

④ Remove 6 screws from the front panel, then remove the shielding plate and rubber seal.


Shielding plate

Rubber seal

INSTALLATION

• Install the UR-FR5100 or UR-FR6100 (channel extension module)

① Attach the supplied angles to both sides of the channel extension module, and tighten the 2 supplied screws (M4×8) on each side.

② Install the channel extension module using the supplied screws (Tapping screws: M3×8, Set screws: M3×6) as shown below.

Set screws

Channel extention module

Tapping screws
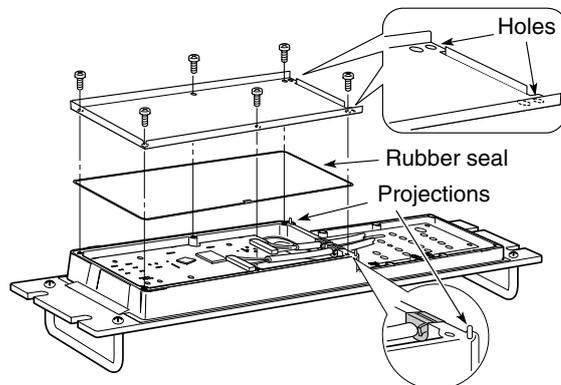
Channel module (original)
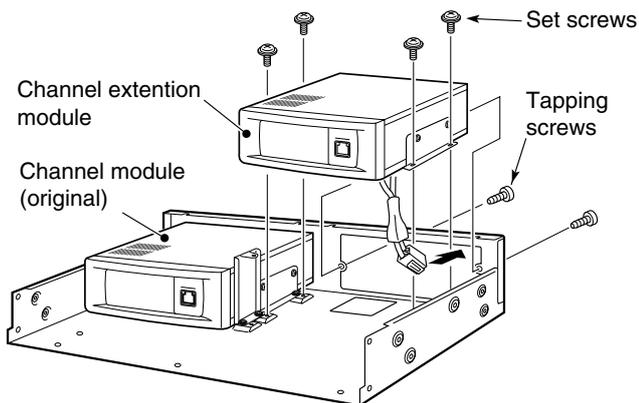
• Connect the control cable

① Connect the supplied control cable to J502 on the front board as shown below.

② Cut the rubber caps of the control cables, then insert the rubber caps to the front panel's chassis as shown below.
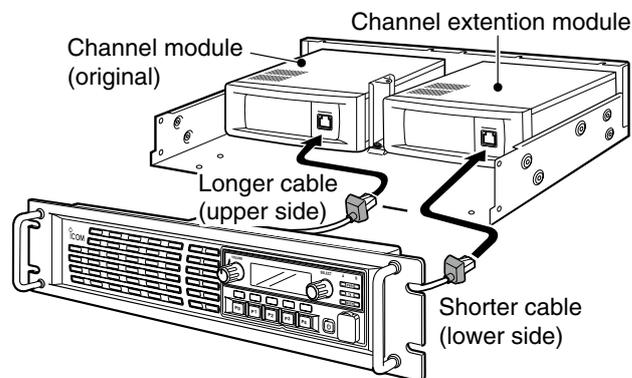
①

②

J502
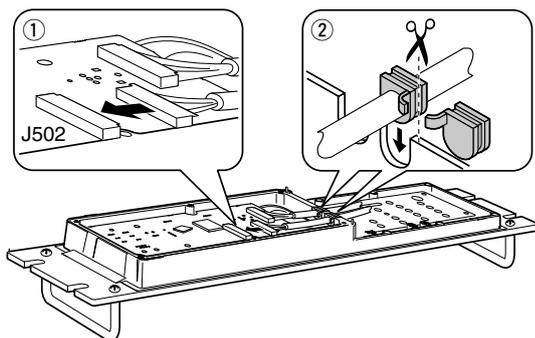
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ASSEMBLE THE UNIT

① Replace the rubber seal and shielding plate of the front panel, then tighten the 6 screws.
   • Make sure the rubber seal is properly seated in the groove of the chassis.
   • Be sure to match the correct positions of the holes of the shielding plate and projections of the front panel's chassis.

Holes

Rubber seal

Projections

② Connect the control cables to the channel modules.

Channel extention module

Channel module (original)

Longer cable (upper side)

Shorter cable (lower side)

③ Return the front panel, top cover and screws to their original positions.

Count on us!