



KONGSBERG

FX300 – Tactical IP Field Exchange

Tactical Field Exchange with IP, digital and analogue capabilities

The Field Exchange family FX300 is based on Digital PCM/TDM switching technology with IP functionality. It employs a non-blocking circuit switching concept and interfaces to strategic and other tactical communication networks via exchange trunk lines, over IP trunks or over E1/PRI interface.



The FX300 Field Exchange family consist of four pre-configured models in two different cabinet sizes:

Small cabinet (8 slots)

- **FX301**
12 analogue lines, 1x LAN & 1x WAN interface
- **FX302**
24 analogue lines, 1x LAN & 1x WAN interface

Large cabinet (15 slots)

- **FX305**
52 analogue lines, 2x E1/PRI interface, 1x LAN & 1x WAN interface
- **FX310**
108 analogue lines, 2 x E1/PRI interface, 1x LAN & 1x WAN interface

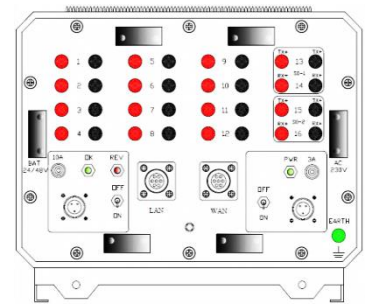
Functionality

- Supports up to 128 lines consisting of CB, LB, and exchange trunk lines in its basic unit.
- FX305 and FX310 include E1/PRI interface for connection to strategic or other tactical networks.
- Built-in or external connection unit (MDF) for subscriber lines.
- Modular design for ease of maintenance.
- Provides a standard set of subscriber services.
- Built-in SIP Server, up to 128 registered users.
- Supports Radio PTT signalling over IP (SIP Info).
- Built-in redundancy for greater survivability. Redundant CPU and Power Supply (PSU).
- Built-in battery charger.
- Built-in Operator Console with handset/headset for call and service handling.
- Programming and control via Operator Console or from a Windows PC.
- Tailored card configuration possibilities.
- Supports 1x10/100 Mb Ethernet LAN and WAN interface.
- Supports up to 32 SIP trunks.

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Specifications

<p>System and Maintenance</p> <p>Modular concept, same cards in both cabinets Built-in redundancy and memory backup Built-in protection on all cards Power on self test Built-in test equipment Acoustic and display reporting of alarms Flexible numbering scheme</p>	<p>Operator Console</p> <p>Built-in Operator Console Subscriber and service configuration Call assistance for subscribers Intrusion possibilities Trunk access handling Self test functions</p>																
<p>Subscriber Services</p> <table border="0"> <tr> <td>Auto Call Back</td> <td>Hotline</td> </tr> <tr> <td>Call Forward</td> <td>Do-Not-Disturb</td> </tr> <tr> <td>Call Hold and Transfer</td> <td>Conferencing</td> </tr> <tr> <td>Call Pick-up</td> <td>Call Barring</td> </tr> <tr> <td>Abbreviated Dialling</td> <td></td> </tr> <tr> <td>Direct inward Dialling</td> <td></td> </tr> <tr> <td>Direct outwards Dialling</td> <td></td> </tr> </table>	Auto Call Back	Hotline	Call Forward	Do-Not-Disturb	Call Hold and Transfer	Conferencing	Call Pick-up	Call Barring	Abbreviated Dialling		Direct inward Dialling		Direct outwards Dialling		<p>Interfaces</p> <p>Analogue Trunk Lines Analogue Telephone lines (CB or LB) Digital E1/ISDN PRI Ethernet interfaces</p>		
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<p>Dimensions / weight – FX301/FX302</p> <table border="0"> <tr> <td>Height:</td> <td>257 mm</td> </tr> <tr> <td>Width:</td> <td>371 mm</td> </tr> <tr> <td>Depth:</td> <td>501mm</td> </tr> <tr> <td>Weight:</td> <td>< 17 kg</td> </tr> </table>	Height:	257 mm	Width:	371 mm	Depth:	501mm	Weight:	< 17 kg	<p>Dimensions / weight – FX305/FX310</p> <table border="0"> <tr> <td>Height:</td> <td>246 mm</td> </tr> <tr> <td>Width:</td> <td>483 mm</td> </tr> <tr> <td>Depth:</td> <td>483 mm</td> </tr> <tr> <td>Weight:</td> <td>< 20 kg</td> </tr> </table>	Height:	246 mm	Width:	483 mm	Depth:	483 mm	Weight:	< 20 kg
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FX301 - Built-in MDF



FX302/FX305/FX310 - External MDF



FX301/FX302 - Carrying Bag

This publication is not to be regarded as a complete system specification, or to be used as a contract document. We reserve the right to change the design or specifications without prior notice.

