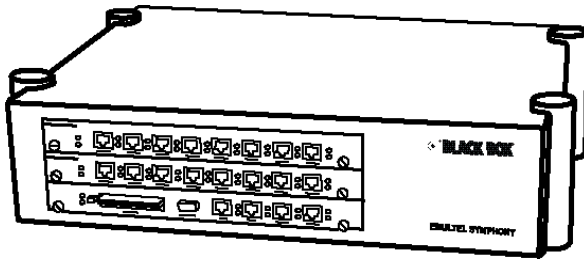


## Emutel Symphony



**Simulate all the features of ISDN with this modular system!**

### Key Features

- ▶ Custom build to suit your own needs
- ▶ Ideal for product development, testing and demonstrations
- ▶ Easy to use, intuitive configuration
- ▶ Extensive support for supplementary services
- ▶ Modem and PSTN interface options
- ▶ Monitor your tests via the LAN

### Overview

Emutel Symphony is a modular 3 slot system comprising a system controller and up to 2 selectable plug-in expansion cards so you can build the network simulator to fit your needs. Emutel Symphony system controller can accommodate 2 BRI (S or U) interfaces or 2 PRI (E1/T1) interfaces. You can then choose up to two expansion cards from the following - 8S, 8U, 8E1/T1 or 16 Analogue interfaces. By simulating the operation of a Central Office Switch, emutel/Symphony can therefore provide up to 18 Primary Rate ISDN (E1/T1), 18 Basic Rate ISDN (either U[2 wire] or S[4 wire] or up to 32 analogue telephone connections which may be used just like regular ISDN lines or employed to carry out equipment testing.

Emutel/Symphony can be managed/configured locally or remotely with an option of an internal modem for dial up management. Emutel/Symphony can be attached to the LAN and configuration and analysis can be done from a remote PC in the network. This allows you to operate Emutel/Symphony in another building but configure and monitor the unit from another location. Optional protocol analysis is also available on Emutel/Symphony. Almost every feature of Emutel/Symphony can be customised, for example, the entire directory numbering structure can be changed. Special numbers activate network conditions such as User Busy or Call Rejected and line power can be switched off.

cont...

Emutel Symphony is also extremely easy to use with indicator LEDs showing at a glance what each terminal is doing and a windows application programme displaying protocol analyser information and allowing extensive device configuration.

Emutel Symphony is a truly international product. By plugging in personality cards the system can emulate ISDN variants in a whole range of different countries. Cards are available for BTNR 191 (UK), VN3 (France), Euro-ISDN (Europe), ITR6 (Germany), NTT (Japan) and AT&T 5ESS, National-ISDN & Nortel DMS100 (North America). Network dependent supplementary services are also supported.

At just 5kg, emutel Symphony is easily portable and since terminals can be powered directly from the interfaces it really is the ideal system for use at demonstrations, presentations, exhibitions and in production line testing. In addition emutel Sypmphony's universal power supply, which automatically switches between 240V and 110V, ensures that the system is transferable between the US and Europe without any adaptations.

---

### **Specifications:**

Connectors - System controller: (2) BRI/PRI ISDN RJ-45; (1) Ethernet 10BASE-T RJ-45; (1) internal modem RJ-11; BRI interface cards: (8) BRI ISDN RJ-45; PRI interface cards: (8) PRI ISDN RJ-45; PSTN interface card: (16) PSTN RJ-11  
Power - 90 - 260 VAC, 100W  
Size - 12H x 48W x 38D cm  
Weight - 5kg

---

### **Ordering Information**

#### **Product Name:**

Emutel Symphony  
PRI Upgrade for System Controller  
BRI Upgrade for System Controller  
BRI Option U (8x BRI U Interface)  
BRI Option S (8x BRI S Interface)  
PRI Option, E1/T1 (8x PRI)  
Protocol Analyser  
Support Card  
BTNR191

#### **Order Code:**

ISU9080  
ISU9080-PRI  
ISU9080-BRI  
ISU9081-8U  
ISU90801-PSTN  
ISU9081-PRI  
ISU9082-PROT  
ISU9082-UK