BI-WAY STARTER KIT

STENTOFON

whencommunicationiscritical

FEATURES

- **Handsfree loudspeaking communication**
- **Personal service**
- **Designed for one-to-one communication**
- **Can be placed on the desk or integrated as a part of an operator console**

DESCRIPTION

The Bi-Way intercom system is designed for efficient handsfree loudspeaking communication between counter personnel and the public through security glass and specially built counters to provide protection from violence and vandalism as well as noise and health problems for those handling money or working in restricted areas. The Bi-Way system enables counter personnel to give their customers personal service while maintaining security and hygiene.

The Bi-Way system is designed to cater for one-to-one communication where fast and secure communication is in demand. A number of applications are supported through the flexible and universal design. Typical applications are bank counters, post office counters, railway ticket counters, gates as well as in hospitals.

The operator's unit may be placed on the desk or integrated as a part of an operator console through the optional flush mount frame. The operator has a choice of microphones: handsfree communication through the built-in microphone, an optional gooseneck microphone installed on the operator's unit for extreme noise conditions or, as an alternative, an external microphone as well as a headset with microphone.

SPECIFICATIONS

LBB 7026/60 Bi-Way operator's unit:	
Dimensions	93 x 65 x 224 mm
Weight	350 g
Environmental conditions	T1
Supply voltage max./min.	12.5/11.5 V DC
Current consumption max./min.	180/42 mA
Output power, public side, max.	500 mW
Output power, operator's unit	350 mW
LBB 7026/70 Bi-Way microphone kit:	
Microphone housing	18 x 9.5 x 13 mm
Aluminium profile	1000 x 10 x 6 mm
Electret microphone	0.7 mV, +/- 3/74 dB





FUNCTIONAL DESCRIPTION

The Bi-Way position consists of the following elements:

- LBB 7026/60, Operator's unit
- LBB 7026/70, Microphone kit
- LBB 7026/73, Bi-Way external microphone
- LBB 7026/80, Loudspeaker kit
- LBB 7102/60, Power supply

These elements can be ordered under one typenumber LBB 7026/65 Starter kit. The Bi-Way operator's unit contains all the electronics for one counter position including the operator's microphone and loudspeaker. The stylish cabinet can be free standing, wall mounted or flush mounted into a table, desk or counter.

The functional keyboard contains 4 buttons and 4 lamps (LEDs). The Bi-Way position is switched on by touching the ON/OFF button. A lamp indicates when the position is on.

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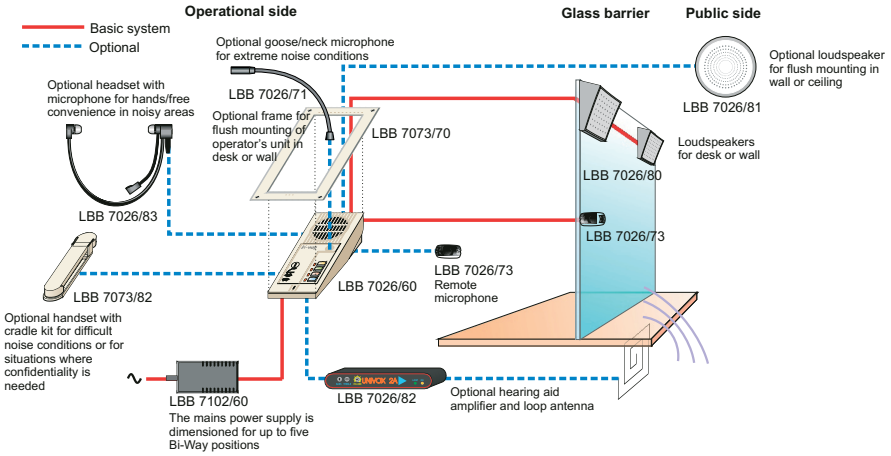
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ORDER NUMBER	DESCRIPTION	SHIP WEIGHT
LBB 7026/65	Starter kit	
LBB 7073/82	Handset with cradle kit	
LBB 7026/81	Flush mount loudspeaker kit	
LBB 7026/71	Bi-Way gooseneck microphone	
LBB 7026/82	Bi-Way hearing aid kit	
LBB 7073/70	Flush mount frame	
LBB 7026/83	Bi-Way headset	

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LBB 7026/73 External microphone	
LBB 7026/80 Bi-Way loudspeaker kit:	
Dimensions (one cabinet)	105 x 106 x 72 mm
Weight (two cabinets)	0.37 kg
Cabinet	ABS, plastic, brown
Impedance	50 ohm
Power capacity	2 W max.

INSTALLATION



In normal working conditions no manual operation is required once the system is switched on. The volume in both directions is pre-set per position by screwdriver adjustments accessible from the rear of the cabinet. The three buttons in additon to the "ON/OFF" button are included to take care of special conditions which may occur during use: "Microphone selector" button with lamp for switching to an optional microphone fitted to the operator's unit. This enables handsfree communication even in periods of high noise levels on the operator's side.

The "Stand-by" button with lamp is used to set the system in listen mode with reduced volume which reduces the ambient noise from the public side during waiting periods. The "Push-to-talk" button to amplify the operator's voice on the public side and enables distinct communication in periods of high noise levels, as well as for attracting people at a distance from the counter. It also allows the operator to speak with normal conversation voice level to people with hearing difficulties. When stand-by is not in operation, the push-to-talk button will give normal simplex operation without extra amplification. Active simplex function is indicated by the corresponding LED.

Screen microphone and loudspeakers

One electret microphone and two loudspeakers are installed on the public side of the glass partition. These elements may be attached to the glass, partly concealed or completely built into the screen. The standard microphone kit and loudspeaker kit contain all materials necessary for mounting on the public side of one Bi-Way position. The microphone and its connecting cable is concealed in a thin aluminium profile attached to the glass screen by means of self-adhesive tape. The profile can easily be adapted to glass partitions of all types.

The compact loudspeakers are attached to the glass on either side of the microphone profile which may terminate in the loudspeakers and allow hidden cabling between the three elements. The loudspeakers are also provided with self-adhesive tape but they may also be fixed to the frame of the partition, or the wall, by means of screws.

Power supply

12 V DC power supply for up to five Bi-Way positions.

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