

# System Description AC 24 M

**Maximum number of stations:**

1 main-station and up to 61 sub-stations

**Maximum number of zones:**

1

**Arrival signals per station:**

1






**Diverters:**

2-way, 3-way

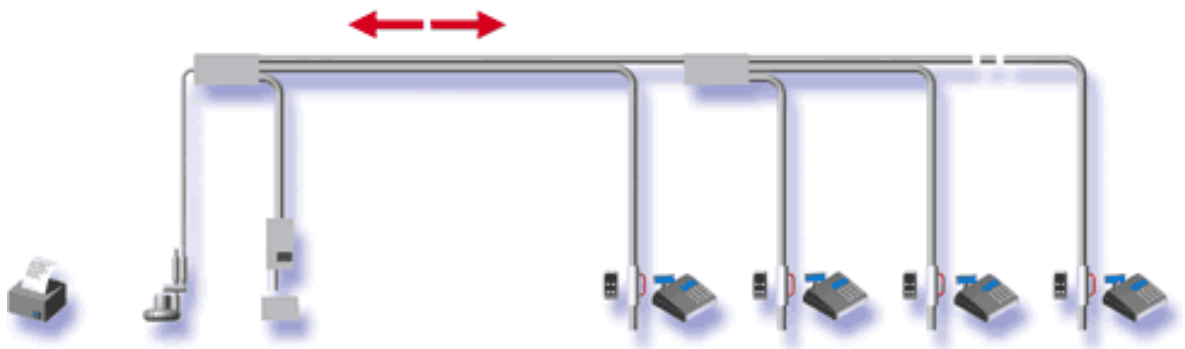
**Mode of operation:**

Reversing system for the transport between 1 main-station and up to 61 sub-stations. The main-station can communicate with each sub-station and each sub-station can have communication with the main-station. The sub-stations cannot correspond with another. It is mainly used for CashHandling-systems.



	Use as:		Tube diameter			
	Main station	Sub station	OD 3 1/2	OD4	OD 5	OD 6 1/4
<b>COM</b> 	✓		✓	✓		
<b>EWS</b> 	✓		✓	✓	✓	✓
<b>Slide Station</b> 	✓	✓	✓	✓	✓	✓
<b>OE-open-end-station</b> 	✓	✓	✓	✓	✓	✓
<b>Receiver from below</b> 		✓	✓	✓	✓	✓

**System example:**



This Pneumatic Tube System shows an EWS-station as a main station and slides stations as sub stations. At the EWS, independent from the status of operation, at each time a carrier can be stored.

The sub-stations have no storage facility. After a sending process has been finished, the next carrier can be inserted and a sending process can start.

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## Microprocessor controls for the fully automatic co-ordination and monitoring of all functions

Including Aerocom – software package for monitoring and co-ordination of all functions of this Aerocom-system AC 24 M. The system can only be used for single zone

configuration. Following all features and functions are described:



Operation panel AC 24M

3-way diverter AC 24M



## Features

- Fully automatic, variable, microprocessor controlled system
- The operation of the central control unit is done by means of the keyboard of the main-station. Feed backs are shown in the display of the station.
- System layout as desired, branching by 2- or 3-way-diverters
- Different station types
- Pneumatically deceleration of arriving carriers
- Data protection by code number
- Interfaces: Serial Current-Loop, as well RS-232 for terminal or Host-computer.
- The data transfer is done by a serial RS-485 interface.
- Auto-Start. After power failure a lost carrier goes positively to the main-station
- Control of all parts in the service-mode
- After removing a carrier, the control unit arranges that the system is ready for the next dispatch.
- With the addition of a compatible printer the CCU will print out a log of all transmissions. Information includes, date, time, sending and receiving stations and the continuous sending number. Backdated the last 120 sending processes are recallable. If valuable goods are transported, in addition also the operated tube switches can be printed out.
- Printer can be set to print out system troubles only.
- System data, topography and actual data are stored, also in case of power failure
- External output-signal for master control system
- Automatically or manually clearing
- Real time clock
- Programming mode. Topography- and system data will be entered and stored by the keyboard of the main-station.
- Electronic overlap safeguard recognises a situation where two or more carriers are transmissioned at the same time (for example in case of open stations), recognises the error and automatically return the carriers to their point of origin.
- A monitoring device ensures, that the system immediately goes back to state of standby, if a stored carrier is removed again.
- The central control unit is built-in into the main station
- In service mode all system devices can be tested and analysed by the central control unit

