

TeleMatrix™  
BUSINESS PRODUCTS by TeleConcepts Inc.

# INTERCOM WITH 2 LINE NO KSU NEEDED

TeleMatrix™ 205



56259

- Selectable Line 1 or Line 2
- Electronic hold with indicator lights (auto release by all extensions)
- Line "In-Use" indicators (lights on all extensions).
- Ring indicator lights
- Two separate ringer controls switches
- Programmable 5 zone intercom which offers:
  - Multiple phones possible in each zone
  - Hands-free answer back
  - Conferencing to outside line.
- 2 Way speaker
- Conference button for conversation with Line 1 and Line 2
- Tone/pulse switchable
- Hook flash key (for PABX operation)
- Versatile Memory offers:
  - 20 location memory with 16 digits each
  - memory stacking
  - memory/manual combination dialing
  - tone/pulse mixing
  - last number redial up to 30 digits
  - programmable hook flash and 3-6-9... second pause
- Headset Input Jack.
- Answering machine input jack (line selectable)
- 12 VAC Adaptor Included
- Fully modular

TeleConcepts Inc.™

36 Holly Drive, Newington, Conn. 06111, U.S.A.

(203) 666-5666

TCI Library: [www.telephonecollectors.info](http://www.telephonecollectors.info)

Printed in Hong Kong





## TELEPHONE SPECIFICATIONS

### TELEMATRIX 205 TECHNICAL SPECIFICATIONS

Talk Battery Supply Voltage	35 — 48 volts (18-24 volts telephones are a special factory order.)
Operating Current Range	10 — 100 ma
Transient Voltage Protection	M.O.V. and Choke
D.C. Resistance	300 ohm @ 20 ma
A.C. Impedance	600 ohm (+300) (—200) @ 500-2500Hz
E.R.L.	7 db from 300 — 3000 Hz 14 db from 500 — 2500 Hz
Rx Element	High quality, shock resistant type R7
Rx Level	92 db @ 1000 Hz
Tx Element	High quality, flat response, electret
Tx Level	26 db avg. 500 — 2500 Hz
2-way Speaker Phone	High quality simplex circuit
R.E.N.	Switch on 0.7 A Switch off 0.4 A
Flash Hook Timing	600 — 800 ms
Pause Timing	Programmable 3, 6, 9... sec.
A.C. Adaptor	Input voltage 120v 60 Hz Output voltage 12 vac 350ma common power supply hook up is not recommended
Memory Retention	telephone line 2 button batteries
Intercom	5 station (dip switch selector) privacy loop wire — observe polarity
Maximum Units Installable	7 — 12 depending on ring voltage supplied
A.C. Power Failure	2 Way, Intercom, Display and In-Use Lights Inoperative All dialing functions and hold remains operative
Headset Jack	Accepts standard carbon type mic or equiv.
Answering Machine Jack	Paralleled to tip & ring of selected line.



**TeleMatrix™**  
BUSINESS PRODUCTS by TeleConcepts Inc.

# INTERCOM WITH 3 LINE NO KSU NEEDED

**TeleMatrix™ 305**



56219

- Selectable Line 1 or Line 2 or Line 3
- Electronic hold with indicator lights (auto release by all extensions)
- Line "In-Use" indicators (lights on all extensions).
- Ring indicator lights
- Three separate ringer controls switches
- Programmable 5 zone intercom which offers:
  - Multiple phones possible in each zone
  - Hands-free answer back
  - Conferencing to outside line.
- 2 Way speaker
- Tone/pulse switchable
- Conference for 3 party conversation
- Hook flash key (for PABX operation)
- Versatile Memory offers:
  - 20 location memory with 16 digits each
  - memory stacking
  - memory/manual combination dialing
  - tone/pulse mixing
  - last number redial up to 30 digits
  - programmable hook flash and 3-6-9... second pause
- Headset Input Jack.
- Answering machine input jack (line selectable)
- 12 VAC Adaptor Included
- Fully modular

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## TELEPHONE SPECIFICATIONS

### TELEMATRIX 305 TECHNICAL SPECIFICATIONS

Talk Battery Supply Voltage	35 — 48 volts (18-24 volts telephones are a special factory order.)
Operating Current Range	10 — 100 ma
Transient Voltage Protection	M.O.V. and Choke
D.C. Resistance	300 ohm @ 20 ma
A.C. Impedance	600 ohm (+300) (—200) @ 500-2500Hz
E.R.L.	7 db from 300 — 3000 Hz 14 db from 500 — 2500 Hz
Rx Element	High quality, shock resistant type R7
Rx Level	92 db @ 1000 Hz
Tx Element	High quality, flat response, electret
Tx Level	26 db avg. 500 — 2500 Hz
2-way Speaker Phone	High quality simplex circuit
R.E.N.	Switch on 0.7 A Switch off 0.4 A
Flash Hook Timing	600 — 800 ms
Pause Timing	Programmable 3, 6, 9... sec.
A.C. Adaptor	Input voltage 120v 60 Hz Output voltage 12 vac 350ma common power supply hook up is not recommended
Memory Retention	telephone line 2 button batteries
Intercom	5 station (dip switch selector) privacy loop wire — observe polarity
Maximum Units Installable	7 — 12 depending on ring voltage supplied
A.C. Power Failure	2 Way, Intercom, Display and In-Use Lights Inoperative All dialing functions and hold remains operative
Headset Jack	Accepts standard carbon type mic or equiv.
Answering Machine Jack	Paralleled to tip & ring of selected line.