

TALK-A-PHONE CO.

Creating Communication Solutions



**COMMERCIAL
INTERCOM
SYSTEMS**

Manual Masters

Using our manual masters, you can call, listen and converse by simply pushing a button. An optional handset may be built on to any manual master to diminish transmitted background noise and provide listening privacy.

Our Manual Intercom Systems are available in two standard choices – a master and sub-station system and an “all-master” system. When choosing a master and sub-station system, you may select from:

- A master and sub-station system where the sub-stations originate by voice. At master’s option, sub-stations can be private or non-private.
- A high power master and non-private sub-station system where the sub-stations originate by tone and light. Program material may be played through sub-stations.

In a master and sub-station system, only one master per system may be used. By pushing a button, the person at the master can call, listen and converse with the person at a sub-station. The person at the sub-station responds hands-free. In addition, sub-stations with origination-of-call capability can call the master.

With an “all-master” system two or more masters can call and carry on a two-way conversation with any other master, selectively and privately, or hold conferences with two or more masters. This system can also use any non-originating sub-station, e.g., S-8318B, as a paging speaker.

With an “all-master” system, each station must operate controls to talk or reply. Several separate two-way conversations can be held simultaneously without interfering with one another.



Manual Master
KB-LC-2



Manual Master
KB-LC-2W



Manual Master
KB-ML-5WA



Manual Master
KB-ML-10WA



Manual Master
KB-ML-5 and KB-LS-5



Manual Master
KB-ML-10 and KB-LS-10

| Designed For: | Catalog No. | Features | Dimensions | Weight |
|--|-------------|--|---------------------------------|--------|
| Manual Masters Requiring Sub-Stations | | | | |
| A single sub-station | KB-LC-2 | Receives calls from originating sub-station by voice. | 10 1/2" w x 3 1/8" h x 8 3/4" d | 7# |
| | KB-LC-2W | Incoming sub-station call announced by tone. Incoming sounds from non-private sub-station may be silenced by master. | 10 1/2" w x 3 1/8" h x 8 3/4" d | 7# |
| Up to five sub-stations | KB-ML-5 | Receives calls from originating sub-stations by voice. | 10 1/2" w x 3 1/8" h x 8 3/4" d | 7# |
| | KB-ML-5WA | Similar to KB-ML-5, but with high power amplifier, tone signal and annunciator lights to announce incoming sub-station calls. Lights remain "on" until master answers. Built-in background music capability. | 10 1/2" w x 3 1/8" h x 8 3/4" d | 7# |
| Up to ten sub-stations | KB-ML-10 | Receives calls from originating sub-stations by voice. | 10 1/2" w x 3 1/8" h x 8 3/4" d | 7# |
| | KB-ML-10WA | Same as KB-ML-5WA, but w/ten channel capacity. | 10 1/2" w x 3 1/8" h x 8 3/4" d | 7# |
| Manual All-Master Systems | | | | |
| Up to five masters.* | KB-LS-5 | Many private two-way conversations can be held simultaneously without interfering with one another. Requires connecting Cable: 5506. | 10 1/2" w x 3 1/8" h x 8 3/4" d | 7# |
| Up to ten masters.* | KB-LS-10 | Same as KB-LS-5 with ten master capacity. Requires connecting Cable: 9911. | 10 1/2" w x 3 1/8" h x 8 3/4" d | 7# |

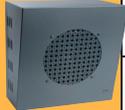
All Manual Masters include 24 VDC power supplies, plug into a standard 120 volt outlet and connect to sub-stations using Cable:6303.

* All-Master System: Manual masters converse with each other. A sub-station/speaker (e.g., S-8318) may be used with these systems as a paging speaker.

Sub-Stations

Individually designed to meet the needs of various applications, Talk-A-Phone sub-stations are connected to masters with specialized cable and do not require electrical outlets.

Choose from a variety of quality sub-stations ruggedly built to withstand challenging environments — indoors and out.

| Designed For: | Catalog No. | Features | Dimensions | Weight |
|--|-------------|---|---|---------------------------------|
| No call origination.  | K-LR-2R | Stainless steel front panel. Flush mounts. Surface mounts w/Surface Mount Accessory: K-SM. Sub-Mounting Bracket: K-V1 may be additionally used to mount sub-station on post or column at optimal response angle. | 4 ¹³ / ₁₆ " square Wall opening: 4 ¹ / ₈ " w x 4 ¹ / ₈ " h x 2" d | 3# |
| Originates call to master.  | K-LR-3W | Flush mounts. Surface mounts with Surface Mount Accessory: K-SM-L. Pushbutton origination switch hermetically sealed to protect against elements. | Front panel: 4 ¹³ / ₁₆ " w x 7 ³ / ₁₆ " h Wall opening: 4 ¹ / ₈ " w x 6 ¹ / ₂ " h x 2" d | 3# |
| | K-LR-3 | Same as above, but desk-style. For indoor use. | 7 ¹ / ₂ " w x 2 ⁷ / ₈ " h x 8 ³ / ₄ " d | 4 ¹ / ₂ # |
| Clear communication and listening privacy. Especially effective in high noise areas.  | K-S-112X | Wall-mounted cradle phone. Can use with Horn Sub-Station:K-C-20 (see below) so master can call person at cradle phone location. Horn disconnects once cradle phone is picked up. Features durable armor cord for indoor and outdoor use. | 4" w x 9 ¹ / ₂ " h x 5" d | 6# |
| | K-S-112 | Same as K-S-112X w/standard cord for indoor use. | 4" w x 9 ¹ / ₂ " h x 5" d | 6# |
| Broad coverage. Ideal for large or noisy areas.  | K-C-20 | Horn furnishes up to 4 times the volume of Sub-Station:K-LR-2R. Volume adjusted at master. Includes bracket for mounting. 50 watt capacity. For indoor and outdoor use. | 9" diameter | 6# |
| | K-C-20V | Same as K-C-20, but with built-in volume control. | 9" diameter | 7# |
| Built-in speaker for gas dispenser.  | S-8304 | No call origination or volume control. | 6" w x 6" h x 2 ¹ / ₄ " d | 3# |
| Industrial/office use.  | S-8318B | Ceiling speaker (8") with white metal baffle and built-in volume control. For indoor use. | 12 ⁷ / ₈ " diameter x 3" d | 5# |
| Industrial use.  | K-HP-3 | High-powered 5 watt speaker. Wall mount or stand on flat surface. For indoor use. | 12" w x 12" h x 8" d | 9# |
| | K-HP-3V | Same as K-HP-3, but with built-in volume control. | 12" w x 12" h x 8" d | 9# |

Intercom System Accessories

Talk-A-Phone offers a full-range of intercom accessories to enhance your communication system.

Choose from a variety of accessories to create an Intercom System to meet your specific needs.

| Designed For: | Catalog | Features | Dimensions | Weight |
|---|---------------------------|---|--|-----------|
| <i>Origination-of-Call-Unit</i> – Originates calls to master when used with non-originating sub-stations.  | K-S-100W | Hermetically sealed pushbutton origination switch protects against dust, oil, grit and weather. For indoor and outdoor use. | 3" w x 5 ⁵ / ₈ " h x 2 ¹ / ₂ " d | 2# |
| <i>Cradle Phone</i> – Provides listening privacy and greater speaking convenience. | "H" Option (not shown) | Can be installed on masters as well as desk-style sub-stations. Diminishes background noises and provides privacy. Cuts off incoming voice from loudspeaker when in use. To order, add "H" to master or sub-station catalog number. | | |
| <i>Specialized Cables</i> – Connects intercom system components. | (not shown) | All cables are 22 gauge solid copper/tin. UL Type Class 2. For indoor/outdoor use. <i>For full performance, only use cables specified:</i> | | |
| | 6305 | Five conductors, mylar shielded pair and unshielded pair, with overall jacket. | OD ⁷ / ₃₂ " | 4#/100' |
| | 5506 | Six conductors | OD ¹ / ₄ " | 3#/100' |
| | 9911 | 11 conductors | OD ⁵ / ₁₆ " | 5#/100' |
| <i>Custom Brackets</i> – Mounts Sub-Station:K-LR-2R overhead and at an angle. | (not shown) K-VI | Constructed of painted CRS. Requires Accessory:K-SM. | 3" w x 4" h | 1# |
| Surface mounts desk-style sub-stations to wall, desk, etc. | K-W1 | Constructed of painted CRS. One pair required per sub-station. | ³ / ₄ " w x 1 ⁵ / ₈ " h x ³ / ₈ " d | 2 oz/pair |
| Surface mounts flush-type sub-stations to wall, post, etc.  | K-SM | Constructed of painted CRS. | 4 ¹³ / ₁₆ " square x 2 ¹ / ₈ " d | 2# |
| | K-SM-L | Constructed of painted CRS. Also available in stainless steel as K-SM-LS. | 4 ¹³ / ₁₆ " w x 7 ³ / ₁₆ " h x 2 ¹ / ₈ " d | 2# |
| Paging booster.  | K-HP-50 | 50 watt. Connects to 120 VAC | 15" w x 5" h x 6 ¹ / ₂ " d | 14# |

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