

CLAIMS

What is claimed is:

1. A mobile intercom device comprising:
 - a plurality of button pairs, each button pair including a talk button and a listen button;
 - a display screen; and
 - an electronic processor configured to
 - display a list of alphanumeric identifiers on the display screen, each alphanumeric identifier in the list of alphanumeric identifiers corresponding to a different one of a plurality of channels on an intercom system,
 - receive a selection of a first alphanumeric identifier from the list of alphanumeric identifiers displayed on the display screen,
 - assign a channel on the intercom system corresponding to the first alphanumeric identifier to a first button pair of the plurality of button pairs in response to receiving the selection of the first alphanumeric identifier from the list, and
 - transmit audio stream data from the mobile intercom device to the channel on the intercom system corresponding to the first alphanumeric identifier when the talk button of the first button pair is activated.
2. The mobile intercom device of claim 1, wherein the electronic processor is further configured to
 - receive a second selection of a second alphanumeric identifier from the list of alphanumeric identifiers displayed on the display screen,

reassign the first button pair to a channel on the intercom system corresponding to the second alphanumeric identifier in response to receiving the second selection of the second alphanumeric identifier from the list, and

transmit audio stream data from the mobile intercom device to the channel on the intercom system corresponding to the second alphanumeric identifier when the talk button of the first button pair is activated.

3. The mobile intercom device of claim 1, further comprising a rotary control, and wherein the electronic processor is further configured to assign a new operative function to the talk button of the first button pair in response to the rotary control being adjusted while the talk button of the first button pair is held by a user.

4. The mobile intercom device of claim 1, further comprising a second display screen and a reply button, and wherein the electronic processor is further configured to

receive a call from a second channel on the intercom system,

display a second alphanumeric identifier on the second display screen, the second alphanumeric identifier corresponding to the second channel, and

transmit audio stream data from the mobile intercom device to the second mobile intercom device in response to an activation of the reply button.

5. The mobile intercom device of claim 4, wherein the electronic processor is further configured to

receive a second selection of a third alphanumeric identifier from the list of alphanumeric identifiers displayed on the display screen,

display the third alphanumeric identifier on the second display screen in response to receiving the second selection, and

transmit audio stream data from the mobile intercom device to a third channel of the intercom system in response to an activation of the reply button, the third channel corresponding to the third alphanumeric identifier.

6. The mobile intercom device of claim 1, wherein each alphanumeric identifier in the list of alphanumeric identifiers corresponds to a different user of the intercom system, and wherein the electronic processor is configured to assign the channel on the intercom system corresponding to the first alphanumeric identifier to the first button pair by assigning a channel associated with a user corresponding to the selected first alphanumeric identifier to the first button pair.

7. The mobile intercom device of claim 1, wherein each alphanumeric identifier in the list of alphanumeric identifiers corresponds to a different intercom device connected to the intercom system, and wherein the electronic processor is configured to assign the channel on the intercom system corresponding to the first alphanumeric identifier to the first button pair by assigning a channel associated with a first mobile intercom device corresponding to the first alphanumeric identifier to the first button pair.

8. The mobile intercom device of claim 1, wherein the electronic processor is further configured to

access a plurality of Unicode alphanumeric identifiers, and

determine an operating language of the mobile intercom device,

wherein the electronic processor is configured to display the list of alphanumeric identifiers on the display screen by displaying a list of the Unicode alphanumeric identifiers of the plurality of Unicode alphanumeric identifiers in the determined operating language of the mobile intercom device.

9. The mobile intercom device of claim 1, further comprising a beltpack-type housing, wherein the display screen and the plurality of button pairs are mounted on an exterior of the beltpack-type housing, and wherein the electronic processor is at least partially housed by the beltpack-type housing.

10. A method of operating a mobile intercom device, the mobile intercom device including a plurality of button pairs, each button pair including a talk button and a listen button, and a display screen, the method comprising:

displaying a list of alphanumeric identifiers on the display screen, each alphanumeric identifier in the list of alphanumeric identifiers corresponding to a different one of a plurality of channels on an intercom system,

receiving a selection of a first alphanumeric identifier from the list of alphanumeric identifiers displayed on the display screen,

assigning a channel on the intercom system corresponding to the first alphanumeric identifier to a first button pair of the plurality of button pairs in response to receiving the selection of the first alphanumeric identifier from the list, and

transmitting audio stream data from the mobile intercom device to the channel on the intercom system corresponding to the first alphanumeric identifier when the talk button of the first button pair is activated.

11. The method of claim 10, further comprising:

receiving a second selection of a second alphanumeric identifier from the list of alphanumeric identifiers displayed on the display screen,

reassigning the first button pair to a channel on the intercom system corresponding to the second alphanumeric identifier in response to receiving the second selection of the second alphanumeric identifier from the list, and

transmitting audio stream data from the mobile intercom device to the channel on the intercom system corresponding to the second alphanumeric identifier when the talk button of the first button pair is activated.

12. The method of claim 10, wherein the mobile intercom device further includes a rotary control, the method further comprising assigning a new operative function to the talk button of the first button pair in response to the rotary control being adjusted while the talk button of the first button pair is held by a user.

13. The method of claim 10, wherein the mobile intercom device further includes a second display screen and a reply button, the method further comprising:

receiving a call from a second channel on the intercom system,

displaying a second alphanumeric identifier on the second display screen, the second alphanumeric identifier corresponding to the second channel, and

transmitting audio stream data from the mobile intercom device to the second mobile intercom device in response to an activation of the reply button.

14. The method of claim 13, further comprising:

receiving a second selection of a third alphanumeric identifier from the list of alphanumeric identifiers displayed on the display screen,

displaying the third alphanumeric identifier on the second display screen in response to receiving the second selection, and

transmitting audio stream data from the mobile intercom device to a third channel of the intercom system in response to an activation of the reply button, the third channel corresponding to the third alphanumeric identifier.

15. The method of claim 10, wherein each alphanumeric identifier in the list of alphanumeric identifiers corresponds to a different user of the intercom system, and wherein assigning the channel on the intercom system corresponding to the first alphanumeric identifier to the first button pair includes assigning a channel associated with a user corresponding to the selected first alphanumeric identifier to the first button pair.
16. The method of claim 10, wherein each alphanumeric identifier in the list of alphanumeric identifiers corresponds to a different intercom device connected to the intercom system, and wherein assigning the channel on the intercom system corresponding to the first alphanumeric identifier to the first button pair includes assigning a channel associated with a first mobile intercom device corresponding to the first alphanumeric identifier to the first button pair.
17. The method of claim 10, further comprising
- access a plurality of Unicode alphanumeric identifiers, and
 - determine an operating language of the mobile intercom device,
 - wherein displaying the list of alphanumeric identifiers on the display screen includes displaying a list of the Unicode alphanumeric identifiers of the plurality of Unicode alphanumeric identifiers in the determined operating language of the mobile intercom device.