

The BOX Clause and GX Group Boxes

The "BOX" window construct header statement allows you to display up to 16 group boxes within a given window. The syntax of the clause is as follows:

```
BOX line col width depth [heading]
```

where *line* and *col* are the line and column numbers of the top left-hand position of the box; *width* is the width of the box in columns, and *depth* gives the vertical dimension in lines. The optional *heading* is a literal text string which is displayed over the top line of the box. Note that all of these items must be coded as literals.

Important Note: The limit of 16 group boxes only applies to GSM SP-12, and later. For GSM SP-11, and earlier, the limit was 8.

The line and column co-ordinates are self-explanatory. Depth is expressed as the arithmetic difference between the top and bottom lines of the box. Thus if the top line of the box is 4, with the bottom line at 7, depth will be 3 (even though the box will physically occupy 4 lines). Box width is similarly calculated. The minimum width and depth of a box is 2, meaning a box must enclose no less than a single character.

Note that the Line and Col co-ordinates are affected by the Window Base (as coded by the BASE clause), even if the BASE clause is coded after the BOX.

Group boxes can also be created by defining a label with the special text:

```
"~Gwwwwhh $text$ 
```

where:

G	Group box modifier
www	Group box width
hh	Group box height
text	Group box title

Both the width and height parameters must be specified with **exactly** 2 digits (including a leading 0 for values less than 10). If no Label is specified then the group box has no title and an unbroken box is drawn. The group box specifying label should be placed on the line above the set of fields/labels to be grouped together and the height parameter set to the number of lines to be enclosed (excluding the top label line).

Version Requirements

GSM V8.1 SP-9 (up to 8 BOX statements per window)

GSM V8.1 SP-12 (up to 16 BOX statements per window)

GX V2.8c