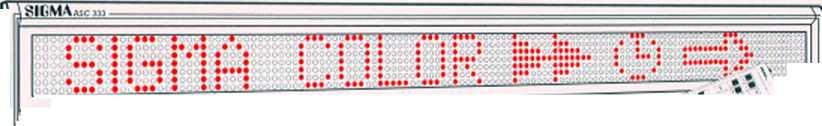
SIGMA

ASC 333

user manual

Color ticker



Dear Customer

Congratulations on purchasing this SIGMA product. Like all products of SIGMA, this product is designed and manufactured using the most reliable and modern electrical / electronics rework due to latest technical findings.

Please take a few minutes before putting the unit into operation, and read the operating instructions below through.

Thank you!

C:\Users\ivoko\AppData\Local\Temp\FineReader12.00\media\image2.jpeg

This item meets all mandatory European standards. GX A3063

**Introduction**

Contents

Screen Setup

Programming messages

Messages Color

Clear

Display

Setting the clock

Setting the timer

programming graphics

Releases ranked Show

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3 4 6 8 9 11 11 11

buttons and features examples

1. **Your**

Introductionbox contains the multicolored ticker, the keyboard without cable, an AC adapter, a user manual, a warranty card and a mounting kit.

Your message has a pre-programmed demo release that shows you some of the features that you can make their messages more attractive. When you turn on the display, the demo message appears. You can delete this demo message and enter your own. If you delete all your own messages, automatically, the demo message appears again.

Your message has 38 pre-programmed graphics with which you can make your message more interesting. For special applications, you can also create your own graphicsdisplay.

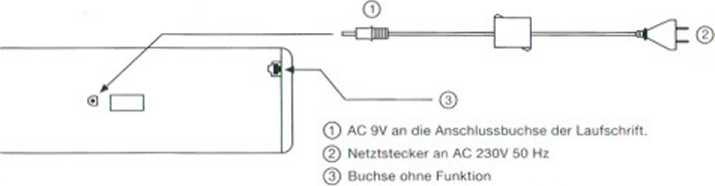
These are the main features of your

* Real colors - create brighter and clearer messages
* infrared keyboard - keep in the direction of the scrolling text and press, a message is transmitted to the display26..
* simultaneously stores up to different messages.
* Combined to create messages on your command with others to more effect.
* Memory 16000 characters.
* timing of different messages can be automatically displayed at different times.
* Pre-programmed and to be programmed by the user graphics.
* Display "BIGcharacter '1and European languages.

**II. Display Setting**

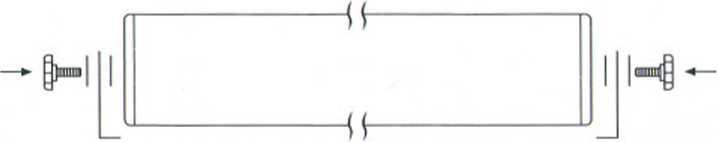
1. Power Supply

Connect the power supply as shown on.



1. Installation

You can attach your ticker different. With the supplied mounting brackets, both on the ceiling and on the wall or on the counter is possible. You can rotate the marquee to align the angle of the display so that it is as legible as possiblekeypad.



1. keypad

There are four types of keys on the

Function keys:

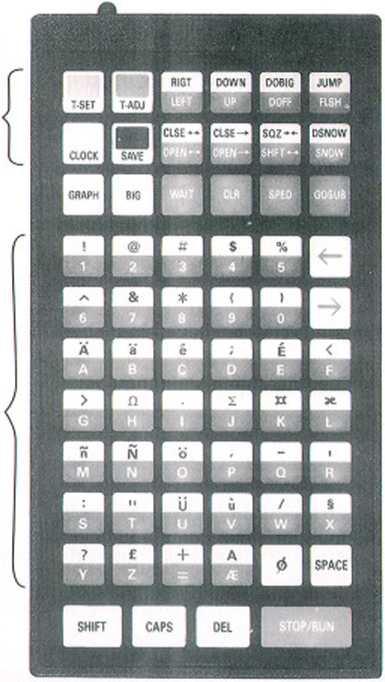
RIGT, UP. DOWN, CLSE ...

character keys:

1. 2, 3, 4, A, B, C, D, various special characters and European languages, ... color buttons:

red, green, yellow, red background, green background, yellow background. ..

Control Keys:

SHIFT. CAPS. DEL. GRAPH. STOP / RUN. ...

1. Delete the demo release in sections A, B, and C
2. Plug in the power adapter.
3. Appears the demo message on the marquee, take the remote control and align it to the sensor, press the STOP / RUN. One of the following messages appears on the screen:. "PROGRAM-A", "PROGRAM-B" or "PROGRAM

C",press "A", and the display will show "A <STRT>", press the CAPS key and then DEL. appears "PAGE DEL Y / N" (delete page Y / N), press Y for yes, and the display shows again "A <STRT>", you press STOP / RUN. and the display shows "NO DATA" (no data) This message appears. confirmed that the release of Section A has been deleted and there is no data in Section A.

Repeat this process for the sections "PROGRAM-B" and "PROGRAM . -C

1. "Programmingown messages
2. Program a simple

* message,press the STOP / RUN button: it appears PROGRAM-A on the display
* Enter A: A <STRT> appears

-Tap Hello! A: Hello! appears on the

* display,press the spacebar eight times onPress:..
* the button STOP / RUN Hello! . moves from right to left

1. section display

your ticker has 26 storage areas, in which different messages can be steps:.

stored,you can view the messages of each section, by performing the following

1. Interrupt the presentation of the current message:

* Press the STOP button / RUN, you were in Section B, "Program B" appears on the displayselect:..

1. A section

* enter any letter between A and Z a under which the desired message is saved it is located in Section W, just type . a "W" a

1. release New Show:

* Press the STOP / RUN from..

button,select the section contains the message.

1. Press the STOP / RUN.button
2. Enter a below the desired message has been recorded any letter between A and Z. If you type D, appears D <STRT>, and you are in the edit mode for section D.
3. In order to determine whether a message is in section D, press the button - \* ■:

-Steht still D <STRT> on the display, there is no notification is in Section D. Start by entering your message

-.If there is a message in this section, use the arrow keys and -► to move the cursor to the position you want to edit , Below we show you how you can change your message-.

1. correct

errors,an error is in your message, press the arrow keys \* And to push the faulty character to the right. Press the "DEL" key to delete the incorrect character.

1. Inserting characters

you want between "C" and "E", a "D" in the word "ABCEF" insert, move the word to the right until the "C "Enter arrived right on the display. The" D ", as it is between the" 'inserted C "and" E ".

1. Insert or delete

function,press a function key, for example, UP, appears <UP> on the display. You can <UP> Delete just as we "correct an error" it in the section have described. Also you can use <UP> as above "Insert a mark" described under Insert. A function is a character space in memory.

1. **Delete messages**

A) releases a section delete

1. Press the STOP / RUN button (If you are in section B,"PROGRAM-B"),appears on the display.
2. select the sectionFrom that you want to delete. (If you want to delete, for example, Section C, press C until "C <STRT>" appears on the Press the
3. display.)CAPS key and then DEL.
4. "PAGE The display shows DEL? Y / N "(delete page Y / N), enter" Y ".
5. Press the STOP / RUN button and the display will show" NO DATA "(no data), the message has been deleted.
6. There were all entered graphics and Time Settings This section deleted.

B) Clear memory (all messages from all sections delete)

1. Press the STOP / RUN button, the current message is no longer displayed.
2. Choose any section (Enter any letter between A and Z.)
3. Press the SHIFT and DEL keys (Delete all Y / N) until the display shows "ALL DEL? Y / N"

* appears, enter."Y" for yes, and there are all messages deleted. The ticker now shows the demo program. It all input graphics and time settings have been cleared.
* If you do not delete anything, enter "N".

When you want the demo releases of sections A, B and C to delete, follow the instructions of the section (I.) " Delete the demo release in Section A, B. and C "to delete the demo releases in the respective sections.

1. **Colors**

There are two types of color display. On the one hand you can use the characters in red, yellow or green without background color . Show the other hand, you can select different character and background colors. So your ticker is multicolored.

A) standard color

If you do not select color, the display automatically selects one for you.

1. If you do not select a background color, the display automatically selects black for you (ie, no background color).
2. If you do not select a foreground color, the display will automatically select yellow for you. This means easy when you type your message and specify neither front nor background color, a message appears only in yellow letters.
3. Do you have agreen:selected background color, but no foreground color, the foreground color is selected automatically according to the following rules for you

Selected background color Assigned foreground color

Yellow Red

Yellow Red



|  |  |
| --- | --- |
| Green | Yellow |
|  | Red |

Green 

|  |  |  |
| --- | --- | --- |
| Green | Red | Press SHIFT, green color, red color |
| Yellow | Green | Press SHIFT, color, yellow color |
| Black | Green | Press SHIFT, green color, black color |
| Red | Yellow | Press SHIFT. yellow color, red color |
|  | Green | Press SHIFT. yellow color, green color |
| Black | Yellow | Press SHIFT. yellow color, black |

color,select the color of the functions that are displayed in edit mode. The default color for function is yellow.

To display the red function, press CAPS and the red color key. In order to represent the Green function, press CAPS and the green color key.

By changing the color of the function, you can control the color of your message. If you select a specific color for a function, only this color is displayed. If you have, however, chosen as a function of yellow color, appears a message in the programmed color, because yellow from red and green composed. Therefore yellow is the default color for

functions.For example:

When the function color is red, only the red color is displayed in your message. The green color in your notice is not displayed. Was the message yellow, they will be displayed in red.

When the feature color is green, only the green color is displayed in your message. The red color in your notice is not displayed. Was the message yellow, they will be displayed in green.

When the function is color yellow, is a message in the programmed color display. The red your message is displayed in red. The green color in your message appears in green. Was the message yellow, they will be displayed in yellow.

Please look at the examples I and J on, there you will find a sample message.

1. **Display**

If you are in editing mode (by pressing the STOP / RUN key and any letter between A and 2), press the GRAPH and CLOCK button (the button for yellow), then "24 Hour Y / N" appears on the display (24 hours Y / N). Do you wish that the clock shows the 24-hour mode, press Y. and you will see a clock icon in your ad. Do you want to. that the clock shows the 12-hour mode (AM-PM), press N. and you will see a clock symbol on the display. The time is considered as final instruction, and any subsequent notification should begin with an introduction command. When you are finished editing, press the STOP / RUN button. and it will be displayed for 5 seconds, the time in your message. If you turn off the power, the clockis not affected.

1. **Setting the clock**
2. Press the STOP / RUN key, enter "A". Press the GRAPH and T-ADJ key (green color).
3. Enter the Current time in the form an hour minutes seconds
4. of:...Press the STOP / RUN button, and the new time will be saved
5. **Setting the timer**

There are 32 timer values ​​with which you can display different sections at different times. If the date is reached, the preset section displayed until the time comes for a different sectiontimer:

To set the

a.)To set the timer for the first time a

1. Press enter the STOP / RUN button, and "A " on. (You are now in the editing mode of Section Press the

A.)GRAPH and T-SET button (the red button), the following appears on the display:

1. 
2. Enter the section, hours and minutes that the message in this section to display. Have you missed out, you can override your entry or press the DEL key, then the timer is empty again. Enter section, hours and minutes again a-.
3. Press the "key \* • To move to the next time setting. Enter the next section, hours and minutes. Pressthe button

to switchto the next time setting in another section.

1. Do you wish to set any timer, press the STOP / RUN button to return to the editing mode. Your timing is finished. Press the STOP / RUN button. your message indicate.

B) The change preset timer

1. Press the STOP / RUN button, and type "A". Press the GRAPH and T-SET button. Press the button "or to about another timer switch until you reach the one you want to change.
2. Override section, hours and minutes, or when you display anything like gene, press the DEL key, then the timer is empty again. Without input nothing is displayed, this input has no effect on other timers.

When you press the CAPS and DEL keys to delete the message in Section A, and your timer in section A is deleted. This can be worked around by the time in another section Setting such section and section Z. Z then never erase. However, if you press the SHIFT and DEL keys to delete the entire memory, all Timerare deleted, no matter what section she was saved.

1. **Programming Graphics**

A) Pre-programmed graphics your

Seeticker has 38 preprogrammed graphics that you can use in your message. To view one of the graphics in the editing of a section (Press the STOP / RUN key and any letter between A and

1. Press the GRAPH key
2. Z):..Enter character key that contains the desired graphics

(Below are a . Table of graphics)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| "5 | B \ | c ♦ | DÄ | E © |
| F ft | G ^ | I | HBö | J t |
| K" |  |  | nC | *o3* |
| P<= 1 | qO | R - | s / | t like<. |
| u © | V \* | WT | X Ö | Y ► |
| *z* | = T | £ e | 4 |  |
| ■ | ■ | B | B | B |
| ■ | ■ | you want |  |  |

whetherto show, for example, a car, just press GRAPH and D. and you will see a car in the marquee.

B) own graphics Create

1. Press the GRAPH key and one of the letters from A to Z, 0 to 9 =. AE.
2. Show the pre-programmed graphics, press the GRAPH key and SHIFT.The graph blinkskeys:.
3. Each artwork is a 6x7 matrixand consists of the following

1.2. 3, 4, 5, 6, 7, 8, 9.0, A, B, C, DE, F, I, GH, JK L, M, N, O. P, Q, R, S, T, U, V , W, X, Y, Z, = AE. A space.

To turn off the light of a point, press the black color key followed by the corresponding keys of the 6x7 matrix, so that the dots disappear. (In fact, the points get a black color.) The black replaces the original yellow color or the current color. Would you like the color red, press the red color key. Then press the corresponding buttons on the 6x7 matrix to red color the points. Would you like the green color, press the green color key. Then press the corresponding buttons on the 6x7 matrix to color the points green. The Green replaces the current

color.For example:

press the GRAPH key, then 9, ■ appears on the displaygraphics..

Press the GRAPH and SHIFT keys, ■ will flash to let you know that you are in the edit mode for Press the black color button and then the following1,2,6, 7, A, B, 4, 5"-, 9keys:.. O .- \*, D. E, F. M, N. S, T , VZPQRVWX AE, 0, space. The dots to these keys are switched off. Only the points to the keys 3, 8 = Ciou, GH I, J, K. L are still on and give a plus sign (+).

1. Once you have created your own artwork, press the STOP / RUN button to turn it save. SHIFT + DEL deletes all your graphics and all of your communications in all the sections, please use CAPS + DEL to delete your messages.
2. **Messages Showsorted,**

you can associate with one another as the messages in different memory sections and you can see the messages together as one Show message if you use the GOSUB command.

A) The GOSUB command can be used only in section A

therefore we recommend. Your messages enter in the sections B to Z and repeal Section A for the GOSUB command, so that you can run the announcements of the sections B to Z in different combinations.

For example, you can have a lunch menu from Monday to Friday as a special offer in Section B accommodate up to F, and you need to change only the GOSUB command in Section A, so that the release of section C is displayed on Tuesday. See Example G.

B) To show various messages that have been entered in the B sections to Z, in section Press

1. A:the STOP / RUN button and enter an A. You are in the edit mode for Section A.
2. Press GOSUB key, it seems "- <GOSUB>". On the display, enter B, and it shows "B <GOSUB>" on the and..
3. display,press the spacebar, the GOSUB. \* <GOSUB> <GOSUB> button, type appears on the display. D, and "<GOSUB> D <GOSUB> appears on the display. Between two GOSUB commands have spaces are inserted.
4. Press the STOP / RUN, the message in Section B will be displayed first, followed immediately by the statement from Section D.
5. The GOSUB command communications between the sections to Z in any order and frequency can be displayed B.

A) To set or change the password

1. Press STOP / RUN and A.
2. Press GRAPH and JUMP, it appears "PASSWORD7Y / N" on the display. If you press "N", the system will guide you back to point Press
3. 1."Y \
4. Now you can enter 4 characters (letters or numbers), it appears "Confirm" on the display, enter the same 4 characters again. Did you enter the password incorrectly, the system will guide you back to point 2.
5. If you have entered the correct password, "SET OK" is displayed. Wait 2 seconds, the system then takes you back to point 1

From this moment on you will be prompted each time you press the STOP / RUN to enter the password. For further entries, you must enter in any case, as a prerequisite, the set password correctly.

B) Delete the password

for each lettering 0000 as password-default ''. If this requirement is not changed, there is no password prompt. Have you set a password and you want to delete it, you need to "0000" change the password setting.

**XII. And Functions**

ButtonsA)Control descriptions button

Stops / Starts the marquee.

Deletes one character backward.

Changes from upper case to lower case letters, or changes the color of the function.

Access to functions or the sign on top of the key. Erase the memory of all the sections.

Deletes the data of a section.

B) Function keys Descriptions

Introduction commands (be in front of the text used)

Emfuhrungsbefehle are features that ensure that your message is displayed, so you will be used before the releases.

|  |  |
| --- | --- |
| RIGHT  LEFT  DOWN  UP  DOFF | The message runs from right to left.  The message runs from left to right.  The message runs from bottom to top.  The message runs from top to bottom.  The characters appear on the right and move separately to the left. |
| DOBIG | Big characters appear on the right and move individually to the left. They turn into little signs |
| FLSH JUMP OPEN ■ -► \* | Message flashing  message will immediately appear on the display  The message appears in the center and propagates successively to the sides of-.... |
| OPEN  RAINBOW COLOR | The message appears individuallyleft to right. Press CAPS and the Black button (SAVE), and the following message appears in rainbow colors |
| RANDOM | Press SHIFT and GOSUB, and the following message appears in styles<-.. |
| SHFT - | The message moves from the middle evenly on both sides . |
| SNOW:  Endbefehle | The message is displayed in single dots on the display. Be used for the text. Endbefehle disappear message. Therefore, they are used at the end of a message. |

If you have after your release uses an end command, you must start the next release with a launch command. Otherwise the whole text is no longer displayed after the end commandapply:..

shall If you use two Endbefehle after each other, the second is no longer running

|  |  |
| --- | --- |
| CLSE -> <- | The message disappears from both sides towards the center individuallySQZ. |
| CLSE -> -> <- | The message will disappear one by one from left to right. The message moves from both sides toward the center and disappears there. |
| DSNOW | The message disappears gradually pointwise from the display. |

|  |  |
| --- | --- |
| CLOCK  AUTO CENTERING | Displays the time in 24-hour or 12-hour mode.  After an introduction command (such as OPEN . entered) and your message UP or DOWN, press the SHIFT and space keys, so your message will be automatically |
| centered. |  |



|  |  |
| --- | --- |
| BIG | Note:.great sign with double-width   1. press once to BIG, the following characters appear doubly great. 2. Press BIG again, return to normal size. |
| WAIT + | N3.BIG is an independent command and can always be used when processing your messagecommand:..   1. waiting If it is used before an announcement, the marquee stops N seconds before the message is displayed 2. If the wait command used for a communication, the marquee will stopped N seconds before the next operation is started. 3. Press "WAIT" and "N", so the marquee Nstops |
| CLR  SPED | seconds. (N can be between 1 and 9). Clear  display speed.Press "SPED" & "N" (N can be between 1 and 9). Speed ​​1 is the |
| GOSUB | fastest and speed 9slowest.  displayOther communications from other sections in sec |
| GRAPH | Totion A.  Used in conjunction with other keys for programming graphics. |
| GRAPH + CLOCK GRAPH + T-ADJ GRAPH + T-SET GRAPH + SHIFT | Shows the time.  Set the time.  Set the timer a. Editing graphics. |

Example A

1. Press the STOP / RUN button Press
2. B.SPED. . 2 and RED (T-SET)
3. Press SHFT <->, 1.2, 3, 4, 5, 6, 7, A, B, C, D, E, F, G.
4. Press the STOP / RUN.

1234567 moves from the center to the left, and ABCDEFG moves simultaneously in red color to the right.

Example B

1. Press the STOP / RUN button C.
2. Press SPED, 2 and GREEN (T-ADJ).
3. Press OPEN 1, 2, 3. 4, 5. 6. 7, AB C, D, EFG
4. <->.,Press the STOP / RUNkey

1234567moves from the center to the left, and ABCDEFG moves simultaneously in green color right.

Example C

1. Press the STOP / RUN button D.
2. Press SPED, 2 and YELLOW (CLOCK).
3. Press SHIFT JUMP. ABCDEFG1. 2. 3, 4, 5, 6, Press
4. 7.SHIFT, CLSE ->
5. <-..Press the STOP / RUNbutton

ABCDEFG1234567immediately appears in yellow, then ABCDEFG disappears from the left towards the center and away from the right to the middle 1234567 . through

Example D

1. Press the STOP / RUN button. E
2. Press SPED. Press
3. 7.UP, A, B, C, D, E, F, G, 1, 2, 3, 4, 5, 6, Press
4. 7.SHIFT, SQ2 -> <-.
5. Press the STOP / RUN.

ABCDEFG1234567 slowly appears on the display, then ABCDEFG disappears from the left to the center and 1234567 disappear from the right towards the center.

1. Press the STOP / RUN, F button
2. Press SPED. Press
3. 7.BIG, OPEN>, W, E, L, C, 0, M, E
4. "PressWAIT, Press
5. 3.BIG, LEFT, B, I, T, T, E, space, K, O , M, M, E, N spaces, S, I, E, space, H, E, R, E, I, N. space, space, space. Spaces.
6. Press GRAPH. CLOCK.

(Then press Y or N, see Description Clock Set)

1. Press the STOP / RUN button.

"Welcome" appears twice in size, with a pause of 3 seconds. Then moves "Please come in," from left to right . And when "Please" and moved out "Come in" is still displayed, the time appears. If you want to "Come in" slide from the display, add after writing (5) extra spaces before using go step (6).

Example F

1. Press the STOP / RUN button.
2. Press SPED, Press
3. 7.SHIFT, Green (T-ADJ), Yellow (CLOCK).
4. Press space. Space, H, A. L. L. O, !. Space, S, I, E, space, space.
5. Press SHIFT, Black (SAVE), Yellow (CLOCK).
6. Press space. Spaces. GRAPH, M. spaces, Graph. S. spaces, space, space, space, space, space.
7. Press the STOP / RUN button.

"Hello! You "appears on a green background in yellow characters and moves from right to left, followed by two graphics.

Example G

1. Press the STOP / RUN button.
2. Press GOSUB, B, space, GOSUB, E. spaces. GOSUB, F, space, GOSUB, Y, space, GOSUB, D, space, GOSUB, D, space, GISUB, E, space.
3. Press the STOP / RUN button.

The messages of the sections B to F are in the following order Displaying: B, F, Y, C, D, E.

1. Press the STOP / RUN keys:.
2. button,press the following LEFT, WAIT. 2; UP. WAIT. 2. DOF, SHIFT. DOBIG

SHIFT. CLSE -BIG. WELCOME

1. Press the STOP / RUN button again.

Example I

1. Press the STOP / RUN button. X.
2. Press the following keys: CAPS, T-SET (Red), SHIFT, JUMP. WAIT, 2, CAPS, T-ADJ (Green). DOFF. WAIT, 2. CAPS, T-SET (red). SHIFT. CLSE WAIT, 2. CLOCK (Yellow). FLSH. WAIT, 2, CAPS. T-ADJ (Green), SHIFT, CAPS CLSE. T-SET (Red), SHIFT. DSNOW, BIG. CLOCK (Yellow). WELCOME
3. Press the STOP / RUNbutton

Example J

1. Press the STOP / RUN button. 2.
2. Press the following keys: CAPS. T-ADJ (Green), SHIFT. RIGT. CAPS. T-SET (Red) LEFT. CAPS. CLOCK (Yellow). FLSH, CAPS. CLOCK (Yellow), SHIFT, CLSE - CAPS. T-SET (red). UP. CAPS, T-ADJ (Green). SHIFT. DOWN. WAIT. 2. CAPS. CLOCK (Yellow), FLSH, CAPS. CLOCK (Yellow), SHIFT, DSNWO, T-SET (red). SALE spaces, spaces, T-ADJ (Green). SALE
3. Press the STOP / RUN key.

Example K (example of the rainbow Press the

1. colors)STOP / RUN and G. Press the
2. buttonCAPS and black keys (SAVE).
3. Press the DOFF, BIG keys and enter WELCOME an .
4. Press the STOP / RUN.button

Example L(example of the random Press the

1. function)STOP / RUN and H. Press the
2. keySHIFT and GOSUB key.
3. Press the BIG key and enter WELCOME, a.
4. Press the STOP / RUN.

Example M (Example for automatic Press the

1. centering)STOP / RUN key and 7.
2. Press the OPEN button and enter WELCOME a.
3. Press the SHIFT and space keys.
4. Press the STOP / RUN button.

**Reset password at marquee SIGMA ASC 333**

**If you have your ASC 333 provided with a password protection and no longer know what four-digit / letter combination you entered, the ASC can be 333 only with the expansion set via the COM port of your PC program. If you are not the lucky owner of the extension kit's, your expensive ASC 333 occur in the garbage. ©**

**I have for this case by the service company S + H Alpha-Service solution for the owner of ASC 333 obtained only have the remote control.**

**So, if after pressing the "STOP / RUN" button on the remote control ASC 333 responds with "PASSWORD", the following is done:**

1. **Enter TiWN \*\*)**
2. **in A**
3. **Program-Afor range**
4. **GRAPH JUMP Press toto get into the Password section**
5. **enter0000 to release Passwordreset.**

**That's all folks**

**\*\*) The password is easy to remember. TAIWAN without A Attention**

**;-))!!! The application of this RESET function will erase all entered programs**