

THE WORLD FIRST SINGLE WIRE SCROLLING AND NON SCROLLING DISPLAY

General:

Continuous improvement and innovation in product development are the two eyes of Mabara manufacturing company, which has given birth to next generation SINGLE WIRE scrolling and non-scrolling display. This document gives an overview of the single wire concept and commercial advantage to the lift manufacturers.

What is single wire Display? :

Normally, floor and car displays are categorized in two ways.

1. Indicators with 7 segment display
2. Indicator with dot matrix, scrolling display.

These displays are connected to the Panel/motherboard with minimum of 5 wires to maximum of 12 wires depends on no of floor and display type. Just imagine now you can connect all floor and car display with single wire to transfer the display and arrow data.

High power embedded systems from MABARA is now giving a solution for making the display wiring so simple with single wire communication. We proudly announce this, since even so many high volume manufactures are reached only 2 wire system where as our display works well with single wire!

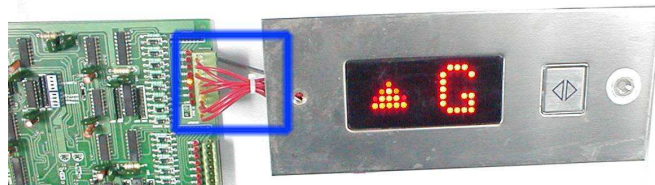
Advantage of single wire system:

Find out the following bullet points as inherent advantage of single wire display system

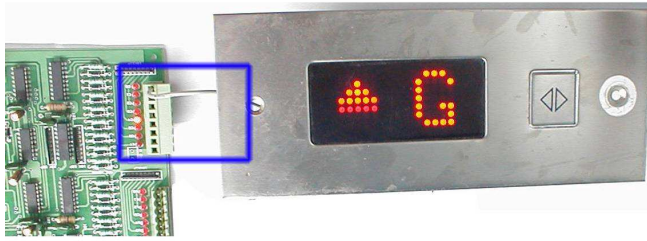
1. **Cost!** The greatest and unbeatable slogan in the world (Chapter: Refer cost calculation)
2. **Simplicity!** No more clumsy and complex wiring arrangement inside push box
3. **No Headache!** Let you have a try with this new display in your next site, and see a big smile in your worker's face.
4. **Trouble shooting!** Why should I confuse, Is Red wire going to a segment... Green is B or C segment? I have only one wire to care all my display and arrow data!
5. **No more incremental cost!** We never charge for our technology rather we take this as service...that's true! The prize is same as our scrolling and non-scrolling display.
6. **No short circuit chances:** With single wire, do we have any reliability issue? ...No way! It's obvious that the chance of short circuit and display failure is very less.
7. **No Leakage in V3F:** We never had the problem of leakage also the same in this innovation too... Crystal clear display without any leakage.

Photography:

Have a look of the photos and find the new display has the interface with the motherboard in single wire. But the normal system involves at least 9 wires from motherboard to display.



Picture indicates a typical display connected to mother board with bunch of wires



Picture indicates mabara SINGLE WIRE DISPLAY connected to mother board with one wire

Cost Calculation:

It is important to highlight the salutary benefit of single wire display system over normal displays. Find the Typical cost calculation for G+7 Building with normal 7-segment display

For Land

1. No of wires for G+7 = 8 wires
2. For up/Down arrow = 2 wires
3. For Run signal = 1 wire
4. common display wire = 1 wire
5. So total No of wires = 12
6. Normal Distance between floors = 3 Meters
7. Total wire length for landing displays = 8 floor x 3 meter x 12 wires = 276 m
8. Wire cost per meter = Rs.2/-
9. Total wire cost for land section alone = 276 x 2 = Rs.556/-
10. Labor cost. Approx for additional work = Rs.1000/-
11. Additional charge towards routings = Rs. 500/-

For Car

12. 12 core traveling cable between car and junction box = 25 meters
13. Cost of 1meter cable = Rs. 80/-
14. Total cost of car section = 80 x 25 = Rs. 2000/-

Total cost:

Some of the above = Approx Rs. 4000 /-

Without any additional charge in display section, don't you feel to save Rs.4000 in display section? Would you like to further spend this huge amount anymore? The above estimated amount is quite less and rated with minimal line of charge. Please don't hesitate to ask us more queries on this and we are ready to give you live demo, if u wish.

Conclusion:

We always go ahead in the same way and to be proud of our innovation and we thank a lot to share our new product with you.

Think of Mabara, when you have pains in elevator electronics. Please post or convey your suggestions and requirements, we always do our level best for you.

We are ready to join our hands together to grow our business with your support and our service

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