



Clipsal StarServe

6 Points to a StarServe Installation



6 Point Installation

With the release of Clipsal's StarServe Contractor Series, the following has been compiled to assist the Electrical Contractor with the design and installation of a StarServe system.

This guide will assist an Electrical Contractor to install a basic home networking system. For a comprehensive guide to planning, installation and commissioning, Electrical Contractors should refer to the StarServe Installer's Guide and be aware of the standards and regulations that govern these types of products.

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Planning

1



- Select location(s) in each room where the homeowner is likely to position a TV, Data and/or a Telephone (Voice) point. Where the homeowner plans to locate their VCR, DVD, Pay TV Box, etc, call this the Main Entertainment area.
- Remembering that RG6 Quad Shield cable (Clipsal Cat No: 1189A) runs should be a maximum length of 45m and CAT-5 cable (Clipsal Cat No: 1583A006DACL) runs should be a maximum of 90m.

***Hint:** Now is the time to allow for extra cables. It's better to play it safe and install now. This will allow customers plenty of freedom and 'future proof' the home.*

First Fix

2

- Select location of StarServe enclosure. Typically run two RG6 cables (video) and two Cat-5 cables (1 x Data and 1 x Voice) to every location detailed in the planning stage. Run three RG6 cables between Main Entertainment and the StarServe enclosure and finally, run an RG6 to the roof, for Pay TV, from the Main Entertainment area. 1st fix all mounting brackets and wall boxes.
- Remembering to follow good cabling principles, as this will reduce any interference and cable fatigue.

***Hint:** Leave some excess cable in the wall cavity, as this will allow for any minor alterations.*



First Fix

3



- Select the StarServe enclosure appropriate for the installation. Locate and fix enclosure into wall. Allow for a Power Point directly below the enclosure, as some devices require power.
- Remembering that StarServe enclosures are available in 3 sizes, Lite (small), Mid (medium) and Pro (large). A product data sheet outlining dimensions is available from clipsal.com

***Hint:** There are StarServe packages available with enclosures and assorted components. This takes the guesswork out of system selection.*

Second Fix 4



- Terminate all Voice and Data Cat-5 cables to relevant equipment using the recommended Punchdown tool. Patch in phone and data points, if required.
- Remembering that ancillary equipment may be required, including Data Hubs/Switches.

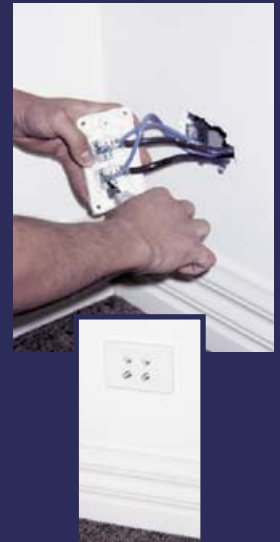
Hint: Clipsal can supply the appropriate Punchdown tool as well as Data Hubs/Switches.

Second Fix 5



- Terminate all Video RG-6 cables to the selected Video Hub using F-Type connectors. Fit off associated wall plates with appropriate connector (Clipsal Cat No: 30PFM).
- Remembering that you should not exceed the recommended bend radius of RG-6 Quad Shield when terminating.

Hint: Whilst a small amount of amplification occurs at the Video Hub, this should not be relied upon to turn a weak signal into a good signal. You may need to amplify the Free to Air signal into the Video Hub.



Commissioning

Commissioning 6

- Situate the Modulator Set Top Box where the VCR, Pay TV Box and/or DVD are located. Connect and program the modulator, as per the modulator installation instructions. Prepare RG6 Quad Shield fly leads for TV to wall plate connection.
- Remembering that Infra Red Control can be an option, therefore additional components, such as targets (Clipsal cat No: 8050TR) may be required.

Hint: Use a braided RG6 Quad Shield for any fly lead. This is far more flexible than conventional RG6 Quad Shield.



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This **6 Step Guide** does not cover all aspects and options of the StarServe range, including the viewing of surveillance cameras on every TV, however, it will provide assistance with installing a basic system. A detailed Installers Guide and Options Guide can be found in the Brochure Library at clipsal.com or contact your Clipsal representative.

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