

Guide to **SKY MUSTER** services

2nd edition



ac(an)

Australian Communications Consumer Action Network

WEBSITE: accan.org.au

EMAIL: info@accan.org.au

FACEBOOK: facebook.com/accanau

TWITTER: twitter.com/accan_au

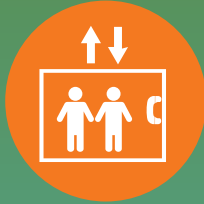
TELEPHONE: +61 (0)2 9288 4000

ACCAN is the peak body that represents all consumers on communications issues including telecommunications, broadband and emerging new services. We provide a strong, unified voice to industry and government as we work towards availability, accessibility and affordability of communications services for all Australians.

This work is copyright, licensed under the Creative Commons Attribution 3.0 Australia Licence. You are free to cite, copy, communicate and adapt this work, so long as you attribute "Australian Communications Consumer Action Network". To view a copy of this license, visit <http://creativecommons.org/licenses/by/3.0/au>. This guide has been prepared on the basis of information available at the time of publishing. Information is subject to change and further refinement. Check for current information with service providers when making decision about phone or broadband services.

CONTENTS

THE BASICS	3
WHAT TO EXPECT FROM A SKY MUSTER BROADBAND SERVICE	8
SWITCHING FROM ANOTHER SATELLITE SERVICE	10
CHOOSING A RETAIL SERVICE PROVIDER	12
CHOOSING A PLAN THAT SUITS YOUR NEEDS	14
VOICE SERVICES	21
GETTING CONNECTED	25
INTERRUPTIONS, FAULTS AND REPAIRS	31
REMOTE AND ISOLATED COMMUNITIES AND DISTANCE EDUCATION	34
WHO TO CONTACT, COMPLAINTS AND FURTHER INFORMATION	36
PRIVACY AND SECURITY	40



THE BASICS

Sky Muster (or nbn's Long Term Satellite Service) will provide fast broadband coverage to three per cent (or around 400,000) of homes and small businesses across regional and remote Australia and its islands.

AM I ELIGIBLE FOR SERVICES?

Eligibility to obtain these services can be checked on the nbn.com.au website

Consumers currently using satellite services (such as Interim Satellite Service (ISS), Australian Broadband Guarantee (ABG) or National Satellite Scheme (NSS)) will be able to switch to the Sky Muster service (some consumers may receive other technology such as Fixed Wireless). See the Switching from another satellite service chapter for more details.

WHAT IF MY ADDRESS IS NOT ON THE NBN WEBSITE BUT I THINK IT SHOULD BE?

You should contact a Retail Service Provider (RSP) and discuss your eligibility with them.

HOW DO SATELLITE BROADBAND SERVICES WORK?

The Sky Muster satellites will provide a connection between customer houses and RSPs. When you request to access information from your house, the request is sent from your satellite dish to the satellite 35,786kms above the equator. The signal then travels to one of nbn's ground stations which connect to your RSP and finally the internet. Information is then sent back to your device in the reverse direction.

To find out more information on what to expect from Sky Muster services see what to expect from a Sky Muster broadband service chapter for more details.

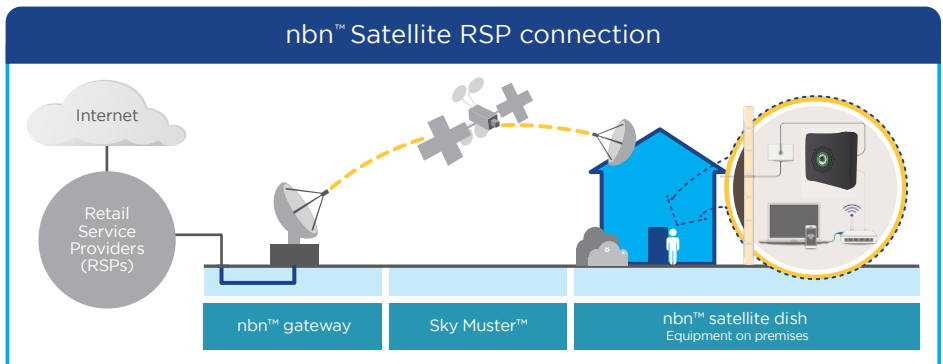


Figure courtesy of nbn™

HOW DO I ORDER A SERVICE?

Services can be ordered now. To get connected:

1. Check if you are eligible (nbn.com.au)
2. Choose a retail service provider (see choosing a retail service provider chapter for more information) and plan that suits your needs (see choosing a plan that suits your needs chapter for more information)
3. Get Connected (see getting connected chapter for more information).

WHAT SERVICES WILL WORK OVER SKY MUSTER?

Broadband services will work over Sky Muster.

You may be offered other services, such as phone services (called VoIP). See voice service chapter for more details.

Existing phone and internet services delivered over copper, radio and wireless technologies may continue to be offered in these areas and you can keep these services. These may be needed for services that will not work over Sky Muster, such as medical alarms.

IMPORTANT QUESTIONS TO CONSIDER AND ASK YOUR PROVIDER

1. Can I use all my current services with this plan?
2. How long will it take to get connected?
3. What do I need to do to prepare my property for connection?
4. Will my other satellite equipment be uninstalled at the same time?
5. When will the billing start?
6. What speed level will I get on average with this plan during peak and off peak hours?
7. Apart from the monthly charge, what other fees do I need to pay?
8. Do I need to purchase a new router?
9. Can I get VoIP services? Is the router set to ensure quality voice services?
10. How do I access my data tracking service?
11. Will there be any additional charges for connecting or fault repairs?
12. Is my property a standard installation? Can I cancel the service, without charge, if I am not a standard installation?
13. Do you offer service guarantees for fault rectification and outages?



WILL NBN BE OFFERING SERVICES FOR CHILDREN'S EDUCATION AND COMMUNITY USE?

Yes. Internet plans are available for distance education children. See remote and isolated communities and distance education chapter for more information.

WHAT DO I DO IF SOMETHING GOES WRONG?

You should contact your RSP if something goes wrong.

See interruptions, faults and repairs for further information on what to do if something goes wrong and who to contact, complaints and further information for contact details.

I AM DUE TO GET SATELLITE, BUT I WOULD RATHER HAVE FIXED WIRELESS. WHAT ARE MY OPTIONS FOR ALTERNATIVE NBN NETWORKS?

If you wish to consider an alternative technology rather than satellite, nbn offers a 'technology choice' program. There are two possibilities. The first is area switch. This is where a number of properties in an area collectively pay to receive a different technology. The second is individual switch, where one property pays to switch technology. Further information can be found at:

nbnco.com.au/connect-home-or-business/technology-choice-program.html

Both of these options can cost a significant amount of money. Costs range from a few hundred thousand dollars to millions of dollars, depending on the complexity and size of the switch required.

WHAT TO EXPECT FROM A SKY MUSTER BROADBAND SERVICE



The Sky Muster satellite was purpose-built to provide a fast broadband connection to Australian homes and businesses, so it is expected to perform to a higher standard than previous satellite services.

With Sky Muster services you will be able to take advantage of a broader range of services available over the internet, such as listening to radio, data voice calls (called Voice over IP or VoIP), tele-health and streaming movies as well as checking email, browsing the internet, banking online,

and accessing government websites.

ARE THERE THINGS I WILL NOT BE ABLE TO DO?

Due to the distance of the satellite, services which require instant communication may be not as responsive as an earth based network. This time delay is called latency. Activities such as voice calls and online interactive gaming may be affected.

WILL SKY MUSTER WORK DURING WEATHER CONDITIONS?

Sky Muster, like all satellite services, is affected by weather conditions. The weather at your house and at the ground station, such as rain, storms, cloud cover and dust may all affect services. nbn has specially designed the dishes to adapt to different circumstances, such as storms. However, you might experience lower performance levels during weather conditions and there may be periods where the service does not work.

You should be aware of this if Sky Muster is your only source of communication. Alternative options should be considered in cases of emergency.

WILL SPEEDS AND PERFORMANCE ON SKY MUSTER BE BETTER THAN PREVIOUS SERVICES?

It is expected that services will perform better and be more reliable. Sky Muster is offering two speed levels: 12/1Mbps and 25/5Mbps. This is faster than current satellite services, which offer up to 6Mbps.

SWITCHING FROM ANOTHER SATELLITE SERVICE



If you have an Interim Satellite Service (ISS), Australian Broadband Guarantee (ABG) or National Satellite Subsidy (NSS) and are eligible, then you can migrate to Sky Muster.

Some houses with these services may be eligible to receive Fixed Wireless and will be offered this service instead.

nbn will un-install and remove ISS equipment free of charge. They will also repair any damage left by the ISS equipment. ISS services will be switched off when Sky Muster connections are activated. ISS services are expected to end early 2017.

If you have ABG, NSS or other satellite services the nbn technician can uninstall the equipment for a fee. It is your responsibility to dispose of the equipment.

Consumers with other satellite services, such as offered by IPSTAR or Telstra, may also switch to Sky Muster. Contact your retail service provider regarding your options to end your current service.

WHAT IS THE PROCESS FOR SWITCHING FROM ANOTHER SATELLITE SERVICE TO SKY MUSTER?

Consumers will follow the same procedure:

1. Check eligibility on the nbn website www.nbnco.com.au
2. Choose a retail service provider and plan that suits your needs
3. Get connected

WILL MY CURRENT BILL END ON THE SAME DAY AS THE SKY MUSTER BILL STARTS?

Perhaps. You should check with your retail service provider when the billing periods will begin for Sky Muster and end for other services (ISS, ABG, and NSS). This may depend on whether or not you are switching retail service providers.

I AM CURRENTLY ON ISS. IF MY INSTALLATION IS DELAYED OR IF I WAIT TO SWITCH, WILL THE ISS SPEED IMPROVE AS OTHER CONSUMERS MIGRATE OFF?

No. As customers migrate to Sky Muster the capacity of ISS will be reduced, so no increased speeds or data levels are expected on the ISS service.

CHOOSING A RETAIL SERVICE PROVIDER

Currently you can choose from eight different retail service providers.

They are:

- ▶ **Activ8me:**
accan.org.au/activ8me
- ▶ **ANT communications:**
accan.org.au/ant
- ▶ **Border net:**
accan.org.au/bordernet
- ▶ **Clear networks:**
accan.org.au/clearnetworks
- ▶ **Harbour ISP:**
accan.org.au/harbourisp
- ▶ **IPSTAR**
accan.org.au/ipstar
- ▶ **Reachnet:**
accan.org.au/reachnet
- ▶ **Sky Mesh:**
accan.org.au/skymesh



WILL THERE BE A DIFFERENCE IN THE LEVEL OF PERFORMANCE BETWEEN PROVIDERS?

Yes, providers differ on the level of performance offered depending on the number of customers they have and how much they have invested in their service. It is not expected that each retail service provider will offer the same level of service. Therefore, you should check that the level of service offered matches what you need.

HOW CAN I COMPARE PROVIDERS?

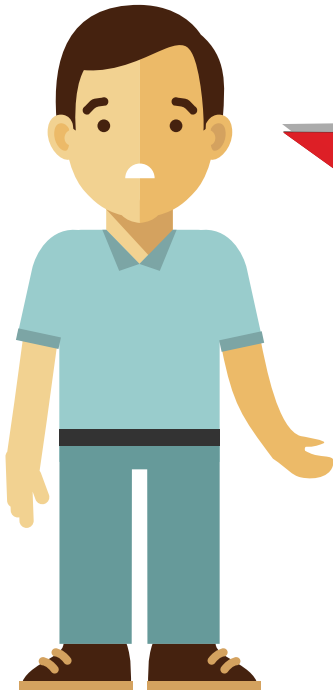
There are a number of sites which you can use to compare retail providers:

- ▶ **Product review:**
accan.org.au/productreview-isp
- ▶ **Whirlpool**
accan.org.au/whirlpool-isp
- ▶ **For video streaming, Google Video Quality Report:**
accan.org.au/google-videoreport

CHOOSING A PLAN THAT SUITS YOUR NEEDS

It is important to pick a plan that matches your needs. Consider what services you are currently using and what you want your broadband plan to deliver.

You should make sure that all the services you want will work over Sky Muster. Some may not work and you may need to keep an existing telecommunications service. Check with your retail service provider if you are unsure.



IMPORTANT!

Services will not work in power outages.

Consider what alternative arrangements you need in case of power outages.

THE KEY THINGS TO LOOK OUT FOR IN A PLAN

Speeds

There are two speed levels that you can choose from;

- ▶ 12 (down) /1 (up) Mbps; and
- ▶ 25 (down) /5 (up) Mbps.

WHAT ARE DOWNLOAD AND UPLOAD SPEEDS?

Speed is a measurement of the amount of data that can be sent to and from you in a second.

The quoted levels are the maximum speed that is achievable for the connection. Speed levels are not consistent and they often vary. The actual speed that you receive will vary depending on a number of factors, such as the type of information you are sending, the time of day, the number of applications sending and receiving files on your devices, your retail service provider and the number of other customers using the service.

For further information on performance, check out our website (accan.org.au/broadband-quality).

TIPS ON PICKING A SPEED TIER THAT SUITS YOU

If you download sizeable amounts of information (for example high definition movies or gaming), then the faster speed will likely mean that you are waiting less time for this information to be received.

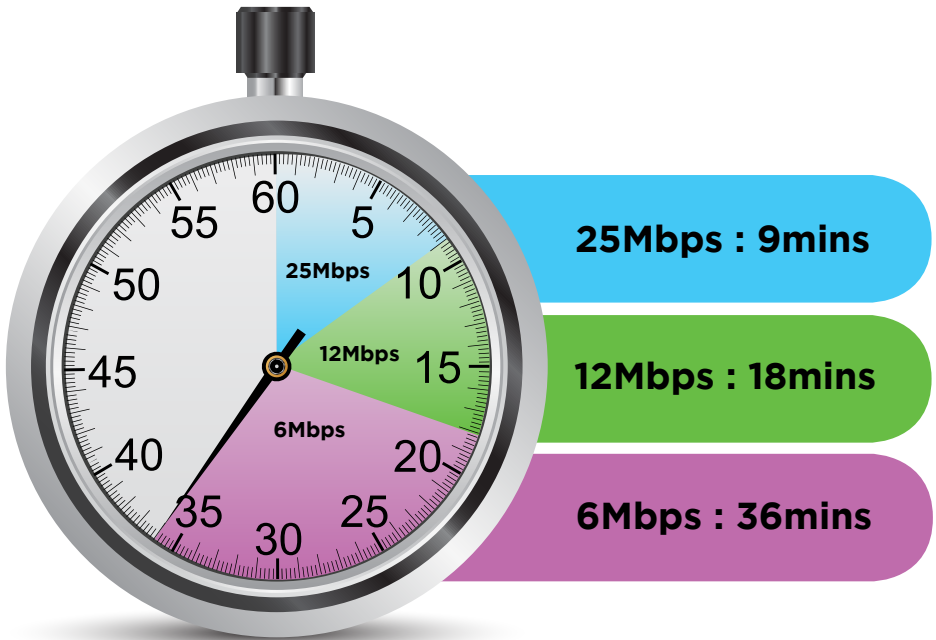
If you only need the internet to access information that is small in size (for example basic websites, emails, individual songs, telephone calls), then the entry speed level might suit you perfectly.

If you are sending lots of files (for example if you operate a small business that updates websites or regularly sends important documents), then fast upload speeds are important for you.

EXAMPLE

The following graphic gives an estimate in the difference higher speeds might make for an activity. These times are estimates and may be affected by other factors, such as other people being online.

Downloading a standard definition movie (1.5GB)



Data

There are a number of plans available, offering allowances up to 150GB per month.

Note that both sent and received data (i.e. uploads and downloads) is counted in the allowance.

TIPS FOR PICKING A DATA ALLOWANCE THAT SUITS YOU

How much data you need depends on what you do and how long you spend online.

You should examine your previous bills to see how much data you have used for the last few months as a basis to calculate how much data you will need.

Checking email and browsing the internet uses very little data, watching videos uses sizeable data amounts, while gaming can quickly use up a lot of data.

Here are some estimated usages by activity as a guide: [note: 1024MB = 1GB]

Activity	Data usage
Email (100 sent/received without attachments)	2.5MB
Music streaming (3 minutes)	3MB
Radio streaming (10 minutes)	15MB
Email (10 sent/received with attachments)	18MB
General web browsing (30 minutes)	10 - 20MB
YouTube video streaming (5 minutes)	25MB
Audiobook (9 hours)	110MB
Downloading standard definition TV show (45 min)	200MB
Downloading standard definition movie (2 hrs)	1 - 1.5GB
Downloading high definition movie (2 hours)	3 - 4.5GB
Downloading a game (e.g. for Xbox or PS4)	20 - 50GB

The average Australian uses **69GB** of data a month (June 2015). Consumers who have an nbn connection tend to use more data, so it may be worthwhile considering a plan with more data than your existing plan. The average nbn user uses **131GB** of data a month (June 2016)

Peak / Off peak

Plans divide the data allowance between peak and off peak times. Peak hours are between 7am and 1am at your local time (18 hours of the day). Off peak hours are between 1am and 7am at your local time (6 hours of the day).

Plans that offer data usage in off peak times are often better value for money, but may be at a time that does not suit your needs. Peak hours are likely to be the hours when you most want to use the internet.

Set up, equipment and other fees

Your retail service provider may charge other costs, besides the monthly cost, such as for set-up, equipment (router or Analogue Telephone Adaptor (ATA) for VoIP) or early termination fees. You should carefully check all the possible fees that apply with each plan as they differ with each retail service provider.

Length of contract

Some contracts are available month to month, while others have a minimum duration (such as one or two years). Longer contracts may not have up front equipment and connection fees, but will charge if you terminate the service early.

Better Internet for Regional, Rural and Remote Group have produced a comparison of the price and inclusions offered from the different providers:

accan.org.au/birrr

I run a small business from home; will there be special plans available for me?

Sky Muster will serve homes and small businesses. If you require a plan for a small business, contact a retail service provider to discuss your options. Some plans are available to both residential and small business consumers.

What is nbn's fair usage policy?

nbn has set out a number of limitations on how much data each service can use in any four week period. This is designed to ensure that the service is shared equitably and not degraded for everyone.

Your retail service provider should ensure that you do not breach these conditions. You should discuss any concerns with your retail service provider.

Will I lose my current services?

If you have voice, broadband or alarm services through other fixed line, wireless or satellite services, you will likely be able to continue to use them.

How do I track my usage?

Retail service providers allow you to check your data usage and alert you if you are close to using all of your allowance.

If you use all of your allowance your retail service provider is likely to significantly slow your speed until the next billing cycle.

Will the bill from my current service end the same day as my new service?

Perhaps. You should check with your retail service provider when the billing periods will begin for Sky Muster and end for other services. This may depend on whether or not you are switching retail service providers.

▶ **FOR IMPORTANT QUESTIONS TO
ASK YOUR PROVIDER SEE PAGE 6**

VOICE SERVICES

There are a number of options to get voice services:

1. You can continue to use your current voice service
2. You may be able to use voice over broadband (called Voice over IP or VoIP) from your retail provider.



WHAT IS VoIP?

VoIP is a service that uses the internet to make voice calls, instead of the traditional copper connection.

VoIP offered through retail service providers may be comparable quality to your current voice service. However, you are likely to experience a delay when calling other Satellite phones. If you use medical alarms or are priority assistance then you will not be able to use Sky Muster for these services and should continue to use your current voice service.

It works by connecting your current telephone to your router. This may require the use of an additional piece of equipment, called an Analogue Telephone Adapter or ATA.

VoIP can also be offered online through over the top providers, such as Skype. They usually work through your computer or devices and use microphone headphones. However, these are not as reliable and you may experience some poor performance with these services.

WHAT COSTS ARE ASSOCIATED WITH VoIP

Calls are charged in a similar way to your current voice services but may cost less.

Note: As VoIP uses the broadband connection, making and receiving calls will also use your data allowance. Calls usually use a very small amount of data. However, if you use up all of your data you may no longer be able to make or receive calls.

CAN I CONTACT TRIPLE ZERO (000) AND 106 EMERGENCY CALL SERVICES USING VoIP?

A VoIP service from your retail service provider should be able to contact emergency services. Online VoIP services, such as Skype, are not able to access emergency services.

CAN I GET PRIORITY ASSISTANCE SERVICES?

No. Sky Muster does not offer priority assistance services. You will need to continue to use your current voice services to access priority assistance.

CAN I USE DISABILITY EQUIPMENT OVER VoIP?

Disability equipment, such as TTYs may work with Sky Muster. You should check with your retail service provider and ask them to test it to see if the equipment works before arranging disconnection of existing services.

WILL THERE BE A DIFFERENCE IN THE QUALITY OF SERVICE BETWEEN VoIP AND MY CURRENT VOICE SERVICE?

To prevent any loss in performance of voice service you should ask your retail service provider to ensure that Quality of Service settings are enabled across all your equipment.

Satellites are known to experience delay (latency) issues. This can impact services such as VoIP. This is likely to affect calls between two satellite phones.

CAN I KEEP MY NUMBER WITH A VoIP SERVICE?

You may be able to keep your number. Ask your retail service provider.

CAN I BUNDLE SKY MUSTER SERVICES WITH MY CURRENT VOICE SERVICE?

Yes, some providers are offering a bundle of current voice services with Sky Muster broadband.

CAN I JUST GET A VoIP SERVICE AND NOT A BROADBAND PLAN?

No, you have to purchase a broadband plan in order to get a VoIP service.

IMPORTANT!

VoIP services will NOT work in power outages. Consider what alternative arrangements you need in case of power outages.



GETTING CONNECTED



Connection will be arranged by your retail service provider after you have ordered and agreed to a service. A standard nbn installation is free of charge. However, retail service providers may charge connection fees for their plans.

Retailers must supply services within a reasonable timeframe under Australian Consumer Law.

How long it takes to get connected will depend on your location and retail service provider. Currently, there is a waiting list for connections.

DO I CONTACT NBN ABOUT A CONNECTION?

No. When you order a plan from a retail service provider they will organise for your connection.

WHAT IS THE PROCESS FOR GETTING CONNECTED?

There are six easy steps to get connected:

1. Choose a retail service provider and plan which suits your needs
2. Your chosen provider will inform you if you are eligible and give you an estimated installation date

3. nbn will contact you to confirm an installation time and date
4. Your retail service provider will provide you with a router
5. The nbn technician will install the equipment (satellite dish, internal and external equipment and the required wiring); this may take a few hours and you will need to be at home
6. Plug in the router provided by your retail service provider to begin using Sky Muster services

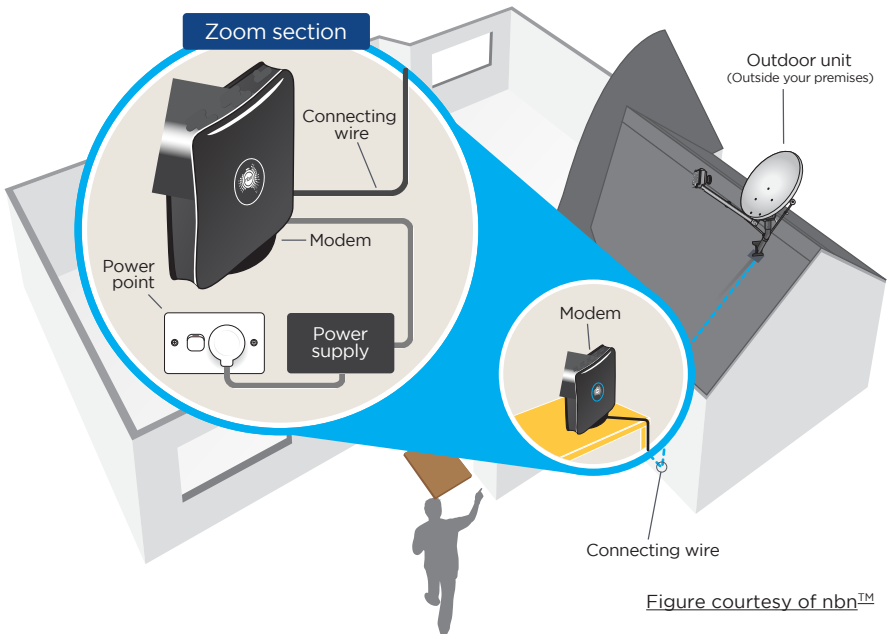


Figure courtesy of nbn™

HOW DO I PREPARE FOR THE INSTALLATION?

There are a number of things that you can do to prepare.

1. **Permissions** - on installation day the technician will need to ensure that there is permission to carry out the installation. This means that an adult (18+) needs to be home to sign the documents. If you rent the property, permission from the landlord is required
2. **Equipment location** - you should consider where you want the equipment to be installed. This may require some preparation of the area.
 1. The satellite dish - this should have clear line of sight of the north sky. The dish may be attached to the roof or the wall of your property.
 2. Wiring - the satellite dish is connected by wiring to the internal modem
 3. The internal modem - this is installed inside your premises and needs a power source to work.



Figure courtesy of nbn™

4. The router (supplied by your retail service provider) – this plugs into the modem and should be located near the place that you will be using the internet connection the most (i.e. home office). The closer the router is to the computers or devices that you use the better the performance is likely to be. Walls, ceilings and floors may affect the signal, especially in some older buildings. Your Wi-Fi signal might have some interference problems if it is located near other appliances or household electronics, such as fridges or microwaves

WHAT HAPPENS ON INSTALLATION DAY?

Prior to installation nbn will confirm that the appointment still suits you.

When the nbn technician arrives they will inform you where they are from and show you their I.D.

The nbn technician will then examine your property and recommend the best location for the equipment. They will also confirm any other dishes that require de-installation.

The equipment location should also suit your use of the equipment, so you should clearly explain to the technician where you use the internet in your house to ensure that the location suits you.

Before work commences they will seek your permission to carry out the work.

The technician will then install the equipment. This may take a few hours and you will need to remain on your premises for the duration of the installation. Your property should be left in a good condition.

HOW BIG ARE THE SATELLITE DISHES?

Most houses will receive the standard satellite dish which is 80cm in diameter. A few houses may need a larger 1.2m dish.

IS THERE A WAITING LIST AVAILABLE TO SEE HOW LONG IT TAKES TO GET A SERVICE BEFORE SIGNING UP?

No, there is no published waiting list. Your retail service provider can give you an indication of the earliest possible connection date but is not able to guarantee it. nbn will guarantee your installation date once your retail service provider has processed your order.

CAN I USE MY CURRENT EQUIPMENT?

You need a new nbn satellite dish and modem to access Sky Muster.

You may be able to use your current router. Ask your retail service provider about this.

WHAT POWER IS REQUIRED TO RUN THE EQUIPMENT?

The nbn equipment is powered by 240V AC. If your premises is not connected to the grid discuss with your retail service provider about a 12/24 V DC option, which may be more suitable.

The router supplied by your retail service provider will also require power to function.

WHAT IF MY HOUSE IS NOT A STANDARD INSTALLATION?

Some properties will be a 'non- standard installation'. This means that they require a variation to the standard set up. Non-standard installations may incur additional costs.

When the nbn technician assesses your house, they will discuss any variations that are required. At this stage you can cancel your service at no cost if there are additional charges which you were not aware of.

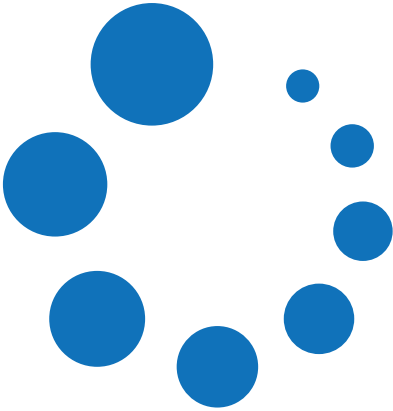


IMPORTANT!

Any additional costs will be paid through your retail service provider, not the nbn technician.

nbn technicians will never ask for money and you should never pay them directly.

INTERRUPTIONS, FAULTS AND REPAIRS



You should report all problems to your retail service provider in the first instance.

WHAT IF THE SERVICE STOPS WORKING?

You should report any services problems to your retail service provider, who will investigate the cause of the problem. Retail service providers should

endeavour to repair all faults in a reasonable timeframe.

WHO IS RESPONSIBLE FOR SERVICES; NBN OR THE SERVICE PROVIDER?

The retail service provider is responsible for the service that they deliver to you under the contract that you agreed to.

WHAT IF I DON'T GET THE SPEEDS AND PERFORMANCE THAT I WAS EXPECTING?

There are a number of factors that may affect your service.

If you exceeded your data allowance then your retail service provider may slow your service, usually to 128kbps.

You should contact your retail service provider if the performance is below expectation. Outline the services issues that you are having and how it is not meeting your expectation. If they are unable to improve your service you can take your complaint to the TIO.

IS THERE EQUIPMENT THAT I CAN PURCHASE THAT WILL IMPROVE MY EXPERIENCE OF THE SERVICE?

There are a number of products, such as specialised satellite boosters to routers, which claim to improve the performance of the service and reduce data consumption for satellite connections.

These can be very costly and may offer little to no improvement. You should check your performance with your retail service provider before making expensive purchases. There may be other solutions to improve performance issues you are experiencing.

WHAT IF THE DISH OR WIRING GETS DAMAGED?

The satellite dish and related equipment up to and including the modem remains the property of nbn. If damage occurs immediately contact your retail service provider. An nbn technician may visit your premises if any damages occur. If the damage was caused by you then you may have to pay for the repair. If damage is caused by weather events, then you might be able to recover the costs from your home and contents insurance.

WHAT ARE MY CONSUMER RIGHTS?

As a consumer you have a number of rights under the Australian Consumer Law. In particular your retail service provider must:

- ▶ provide clear and accurate information in advertising, contracts and bills
- ▶ give you help if you're having problems paying bills and take steps before disconnecting your service
- ▶ provide good service and deal quickly with complaints
- ▶ provide a repair, replacement, refund, compensation or cancellation, depending on the circumstances.

If your retail service provider is unable to fix performance issues you can raise your complaint with the Telecommunications Industry Ombudsman.

CHECK!

There may be costs associated with repairing damaged equipment. Ask your retail service provider what costs might apply.



REMOTE AND ISOLATED COMMUNITIES AND DISTANCE EDUCATION

Sky Muster will also be used to deliver services in partnership with educational, community and healthcare service providers.

For example, educational services will be delivered in partnership with State and Territory Departments of Education. The process for connecting will differ depending on the body delivering the service.



MY CHILD RECEIVES DISTANCE EDUCATION, WHAT SERVICE WILL THEY RECEIVE AND WHEN?

Premises with children who receive distance education may be eligible to receive a second service to their premises which offers an additional 50GB per month per student (up to 150GB for 3 students).

These premises should contact their Department of Education to enquire about eligibility. Your Department of Education will be able to verify the process for connecting and when services will be available.

There are currently four providers offering education services over Sky Muster. You can choose between two speed tiers (12/1Mbps and 25/5Mbps) and if you want to have all children on the same data port (this is cheaper but the data is pooled and the internet speed is shared) or have a data port for each child (this is more expensive but the service is not shared between children and it may be easier to track usage).

- ▶ **Activ8me:**
accan.org.au/activ8me-edu
- ▶ **ANT communications:**
accan.org.au/ant-edu
- ▶ **Harbour ISP:**
accan.org.au/harbourisp-edu
- ▶ **Sky Mesh:**
accan.org.au/skymesh-edu

IS THIS AVAILABLE FOR OTHER EDUCATION SERVICES, SUCH AS UNIVERSITY?

No, educational services will only be available to distance education school children.

WHO TO CONTACT, COMPLAINTS AND FURTHER INFORMATION

As a customer you will deal mainly with your retailer service provider.

Below is a list of steps that you might take, who to contact, and what might happen.

WHAT DO YOU WANT	WHO TO CONTACT	DETAILS
Check eligibility for service	nbn / retail service provider	nbn website allows you to check if you are eligible for services. It can be found here: accan.org.au/nbn-check Retail service providers will also be able to advise if you are eligible for services
Purchase a service	Retail service provider	Retail service providers sell plans to consumers and small businesses. They will also organise for an nbn technician to connect your premises
Get connected	Retail service provider	After purchasing a service with a retail service provider they will arrange for equipment to be installed at your premises
Delay in getting connected	Retail service provider	If the technician missed an appointment or connection is taking longer than expected contact your retail service provider

WHAT DO YOU WANT	WHO TO CONTACT	DETAILS
Property damage during installation	nbn	If the nbn technician caused damage to your property during installation you should contact nbn, who will repair this damage at no charge
Service does not work after installation	Retail service provider	If your service does not work after nbn have installed the equipment contact your retail service provider
Complaint of faulty services	Retail service provider	If there are any problems with your connection, such as unusable services, dropouts, delays, slow speeds etc. you should raise the issue with your retail service provider
Query bill charges	Retail service provider	If you experience any unexpected charges you should raise these with your retail service provider
Service outage	Retail service provider	If your service stops working for any reason, contact your retail service provider
Disconnecting	Retail service provider	If you no longer want a Sky Muster service, contact your retail service provider to cancel
Moving services	Retail service provider	If you are moving house, contact your retail service provider about changing your service to different premises. Fees may apply to move a service.

WHAT DO YOU WANT	WHO TO CONTACT	DETAILS
Damaged or moved equipment	Retail service provider	If the equipment gets damaged (for example during storms or an object hitting the satellite dish) contact your retail service provider. An nbn technician may be required to visit your premises to correct the position or replace the equipment. There may be a cost, check with your provider
Complaint about retail provider or nbn not addressing problems encountered	Telecommunications Industry Ombudsman (TIO)	If your complaint to your retail service provider or nbn has not been dealt with, contact the TIO. The TIO will refer your complaint to your provider or nbn and give them 10 days to fix your problem. If this does not solve your problem the TIO will work with you and the provider to see if you can agree on how to fix the problem. Finally, if the issue is still not resolved then the TIO can investigate your complaint
Changing retail service provider	Retail service provider of choice	Switching between retail service providers is easy with Sky Muster. Just make sure there are no early termination fees with your current retail service provider
Think you have seen a scam	ScamWatch	Internet scams may attempt to take your money, steal your identity, or access your personal information. If you think you have seen a scam contact: scamwatch.gov.au

HOW TO EFFECTIVELY COMPLAIN AND ENSURE YOUR RIGHTS?

1. Outline your problem and the outcome that you want to your retail service provider. Ask for a response in a reasonable timeframe (e.g. two weeks). Make a note of all your dealings with your retail service provider for future reference.
2. If your issue is not resolved contact the Telecommunications Industry Ombudsman.

WHERE DO I GET MORE INFORMATION?

Contact details:

- ▶ **ACCC:** 1300 302 502
- ▶ **Activ8me:** 13 22 88
- ▶ **ANT communications:** 1300 268 266
- ▶ **Border net:** 1300 730 302
- ▶ **Clear networks:** 1300 855 215
- ▶ **IPSTAR:** 1800 477 827
- ▶ **Harbour ISP:** 1300 366 169
- ▶ **nbn:** 1800 687 626
- ▶ **Reachnet:** 1800 687 626
- ▶ **Sky Mesh:** 1300 759 637
- ▶ **TIO:** 1800 062 058

Further consumer tips can be found on our website:
accan.org.au/consumer-resources

PRIVACY AND SECURITY

Everyone should have measures in place to protect them online.

Here are some useful tips:

1. Use strong passwords

Passwords should be hard to guess but easy to remember. Some things to consider:

1. Use long passwords (8-12 characters)
2. Use a variety of lower and upper cases, special characters (e.g. \$, #, *), and a numerals
3. Avoid using common names and places

2. Keep your devices, application software and operating system up to date

3. Secure your home and office Wi-Fi with encryption and a password

4. Install a firewall to stop unwanted internet traffic that may be harmful for your computer

5. Back up your data regularly

6. Do not provide personal or financial information over emails

7. Do not open or respond to emails if you do not know the sender





Guide to
SKY MUSTER
services



Australian Communications
Consumer Action Network

WEBSITE: accan.org.au

EMAIL: info@accan.org.au

TELEPHONE: +61 (0)2 9288 4000