

# BASIC CERTIFICATION COURSE

## ABOUT KNX

Unlike proprietary systems, KNX is an open worldwide standard with over 500 manufacturers across 45 countries producing 8,000 products that all interoperate together for a seamless home and building automation solution encompassing control over lighting, shutters, security systems, HVAC, and energy management. All aspects of KNX are managed by the KNX Association (est. 1999) in Brussels.

All KNX products are programmed on the KNX ETS software used by more than 120,000 installers worldwide. KNX integrates with all leading AV control systems (RTI, Crestron, AMX, Control4, Q-SYS, Savant etc), along with DALI, BACnet, Modbus, and others.



## KNX IN AUSTRALIA

The KNX Protocol was adopted by Standards Australia in 2018 (SA/SNZ ISO/IEC TS 14543.3.1-6:2018 Technical Specification). Over 450 Australians have completed their KNX Certification since its introduction here. KNX is the future of home and building automation in Australia.

**Australian KNX reference sites include:**

- ICC Sydney: International Convention & Exhibition Centre
- Barangaroo Towers Sydney
- Monash University New Horizons Research Centre
- ANZ Tower Sydney
- Ravenhall Prison Victoria
- City West Police Complex Melbourne
- Calvary Adelaide Hospital
- NDIS / SDA (Specialist Disability Accommodation) Projects-
- DPN Casa Capace
- MS Queensland
- Young Care
- Churches of Christ
- Countless luxury homes...



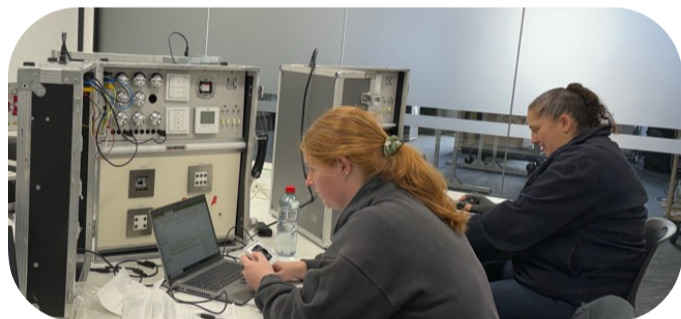
# BASIC CERTIFICATION COURSE

## KNX CERTIFICATION

The pathway to becoming a KNX Partner is KNX Certification. This is a globally-standardised, brand-agnostic, hands-on 4-day certification course produced and managed by the KNX Association and delivered by certified KNX Tutors. Together, ABB and Amber are hosting regular KNX Certification classes across Australia.

## BASIC CERTIFICATION COURSE OVERVIEW

- KNX principles, topology and devices
- KNX project design
- Hands-on practical training in ETS (Engineering Tool Software)
- Installation and commissioning of a KNX line
- ETS diagnostics and troubleshooting
- KNX theory and practical exams on the final day
- Upon completion of the exams, you will be a Certified KNX Partner with the knowledge and confidence to design, install and commission a basic KNX system.
- Your Amber account will be authorised to purchase ABB KNX products if not already.



## COURSE DETAILS

<b>Locations:</b>	Multi-state (refer to registration link below)
<b>Duration:</b>	4 days in person
<b>Cost:</b>	\$2,000ex GST per person (\$1,800ex for additional trainees from same company)
<b>Inclusions:</b>	Training equipment, morning tea and lunch
<b>Bonus inclusion:</b>	<b>FREE ABB USB/KNX bus interface valued at \$323ex GST.</b>
<b>Interstate students:</b>	Amber Technology will cover your hotel and meals with your course fee
<b>Trainee Kit Offer:</b>	See next page
<b>ETS Software:</b>	Student software is provided for the course but ETS Professional must be purchased directly from KNX.org after receiving your certification.

**REGISTER HERE**

# BASIC CERTIFICATION COURSE

## KNX KIT

Amber Technology and ABB have prepared a discounted kit of KNX components which form the basis for any KNX system. The aim of providing this kit is for new users to practice their new skills or deploy in their first client installation. **This kit is offered exclusively to trainees (one kit per trainee).**

### KIT COMPONENTS

SAVE  
\$1000

**KNX Power Supply**  
SV/S 30.640.3.1



**4 Channel Universal Dimmer**  
UD/S4.210.2.1



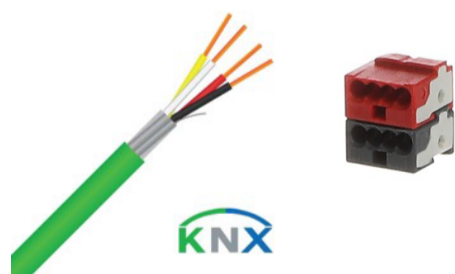
**DALI-2 Gateway**  
DG/S1.64.1.1



**RoomTouch 4" Touchscreen Keypad**  
RT/U12.86.1-811



**KNX Cable (5 mtrs)  
and Bus Terminals (10)**



Component Value \$2,200ex GST

**Kit Price \$1,200ex GST**

Kit Model AB-KNXTRAINEEKIT

**DON'T MISS OUT!**

**REGISTER HERE**